



Columbia Borough School District

COLUMBIA HIGH SCHOOL CURRICULUM GUIDE 2024-2025



**Columbia High School/Middle School
Hill Campus**

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COLUMBIA HIGH SCHOOL ADMINISTRATIVE AND SUPPORT STAFF

Building Administration	Administrative Support Staff
Kendall Pankake, Principal	Carol Rudy, Administrative Assistant to the Principal
Robert Brown, Assistant Principal	Geonellie Santiago, Administrative Assistant to the Director of Athletics and Activities/Attendance Receptionist
Karen Niehaus, Assistant Principal	
Marvin Sanders, Director of Athletics and Activities	
Student Services	Student Services Support Staff
Kristina Butler, School Counselor	Ashtyn Rockwell, Administrative Assistant to the School Counselors
Jennifer Jesberger, School Counselor	
Brittany Kelly, Home and School Visitor	
Amy Stoner, School Psychologist	
Health Services	
Laura Pavelko, Nurse	

COLUMBIA HIGH SCHOOL STAFF

Math Department	Electives Department
Ryan Boccagno	Elizabeth Baker
David Kemmick	Victor Beppler
Sara Sementelli	Derice Butler
Mark Wisler	Jocelyn Elzer
	Jeremy Hilt
Science Department	Heather Lischner
Andrew Eyster	Matthew Mikos
Melissa Mahoney-Anderson	Andy Schaefer
Rebecca Ohrel	Erik Sheehan
Vacant	Christina Sheehan
	Christa Sliger
Social Studies Department	
Nicholas Blair	Special Education Department
Jonah Farber	Nicole Hayes
Brendan Forgotch	David Herring
Brady Mathias	Jill Kazmierczak
	Tiffany Knaper
English Department	Katherine Snyder
Jodie Eck	
Vacant	
Olivia Gambler	
Keifer Kemmerly	

GRADUATION REQUIREMENTS

CREDIT REQUIREMENTS

Minimum requirements for graduation have been established by Columbia High School in conjunction with the requirements established by the Pennsylvania Department of Education. These requirements must be met before a high school diploma may be issued. To participate in graduation ceremonies, students must complete all graduation requirements. Please note that the master course listing for each department provides the specific courses required for each credit type, where applicable. The following courses taken in grades 9 through 12 are required for graduation with credits indicated:

Courses	Number of Credits
English	4
Social Studies	3
Mathematics	4
Science	4
Health and Wellness	0.5
Physical Education	1
Electives	7.5
Total to Graduate:	24.0

Lancaster County Career & Technology Center (LCCTC) credit requirements are integrated into the CTC curriculum (graduation total remains the same). LCCTC students will earn a maximum of 7 credits per year. Students that attend CTC half day will earn 4 credits.

In addition to the graduation requirements listed above, students must also complete the requirements for graduation from Columbia High School listed below. The statewide graduation requirement outlined in Act 6 and Act 158 takes effect for the graduating class of 2023 and beyond. These acts expand the options for students to demonstrate postsecondary readiness through four additional pathways that more fully illustrate college, career, and community readiness. More information can be found on the PDE website.

KEYSTONE EXAMS

The following options exist to meet the statewide graduation requirements:

- Keystone Pathway #1
 - Scoring proficient or advanced on each Keystone Exam: Algebra I, Literature, and Biology
 - Minimum scaled score per assessment = 1500
- Keystone Pathway #2
 - Earning a satisfactory composite score on the Algebra I, Literature, and Biology Exam
 - Achieving at least a proficient score on at least one of the three exams and no less than a basic score on the remaining two exams
 - Composite score = 4452
- Keystone Pathway #3
 - Career and Technical Education Pathway
- Keystone Pathway #4
 - Alternative Assessment Pathway
- Keystone Pathway #5
 - Evidence Based Pathway

More information can be found on the Pennsylvania Department of Education website or by seeing a School Counselor.

GRADE LEVEL OF STUDENTS

The grade listed in Powerschool is indicative of the cohort grade, not credits earned. The number of credits needed to be considered on track for graduation is:

Grade Level	Minimum Credit Thresholds
10 th grade	4
11 th grade	11
12 th grade	17
Required for graduation	24

SPECIAL CONSIDERATIONS

STEM PROGRAM

Employment rates for occupations related to STEM are projected to increase by about 15% by the year 2031. In an effort to provide opportunities that prepare our students for life after high school, they are encouraged to choose STEM courses beyond the required STEM Exploration course in 9th grade. All courses that are STEM related are denoted with a STEM symbol throughout this catalog.



COLLEGE AND CAREER PREPARATORY COURSES (CP)

College and career preparatory courses are designed for students who plan to enter the workforce or attend a two or four-year college/technical high school. Courses are NCAA approved.

HONORS AND ADVANCED PLACEMENT COURSES

Students who seek a more rigorous high school education should choose this program. These courses progress at an advanced level. All Honors and AP courses are weighted with a 1.1 weight. Courses are NCAA approved. AP courses are weighted, therefore the student must sit for the AP exam. The AP exam is offered at no expense to the student or family. If the student chooses not to sit for the exam, the course will not be weighted. AP courses are intended to provide an opportunity to earn college credit; however, we cannot guarantee that your AP course will count towards college credit as each college has different requirements.

CREDIT RECOVERY

Pre-approval for all credit recovery courses must be obtained from the Principal and School Counselor. The only courses that will be accepted for credit recovery are courses approved by Columbia Borough School District. Credit recovery provides an opportunity for a student to make up previously failed credits. Every attempt to keep a student with their graduation cohort will be made. Credit recovery is available through our Summer School program for qualifying students with administrative approval. Alternate pathways for credit recovery may be available and may require a fee.

ATHLETICS ELIGIBILITY

To be eligible to participate in athletics during a season, a student must be enrolled in and passing 4 credits or the equivalent.

NCAA ELIGIBILITY

Students who plan to participate in college athletics must ensure that their courses are approved by NCAA. Students should log onto the NCAA Eligibility Center at www.NCAA.org and create their accounts during their freshman year. Accounts cost approximately \$100. If students qualify for free or reduced lunch, students can request a fee waiver. The School Counselor will then verify that the student is eligible to receive free or reduced lunch and submit the fee waiver. For more information about NCAA Eligibility, students should meet with their coach and the School Counselor. NCAA Eligibility information will also be distributed to caregivers and students annually during informational sessions at Columbia High School. All courses that are NCAA approved are denoted with the NCAA symbol throughout this catalog.



DUAL ENROLLMENT

Our Dual Enrollment Program allows students to take college-level courses and earn credits while still enrolled in High School. These courses are offered at partnering universities at a significantly reduced rate for Columbia High School students. With pre-approval from the Principal and Student Services Office, a junior or senior student may take college courses on a part-time basis online or in person while concurrently enrolled at Columbia High School. In addition to being academically eligible, students are required to meet the entrance requirements of the college or university they are interested in attending. There is an additional cost to receive college credit for these courses. To learn more about dual enrollment, financial aid, scholarships, or funding support, please see your School Counselor.

EARLY ENROLLMENT – THADDEUS STEVENS

The Early Enrollment program offers qualifying students the opportunity to complete their freshman year at Thaddeus Stevens College of Technology while still a senior at Columbia High School. Early Enrollment is a fully immersive program where students can start earning their degree in any of Thaddeus Stevens' high demand, high-wage majors. These innovative, technical-based majors train students for many different job opportunities, providing knowledge and skills that help graduates excel in their lives – professionally and personally. Many graduates receive multiple job offers before receiving their degree and have options to pursue higher degrees at four-year colleges and universities. Early enrollment requires the student to take all of their classes at Thaddeus Stevens College. Early enrollers are full-time college students. Students should begin planning for this program in their junior year. Students should meet with the School Counselor to see if this program is right for them. Students must be able to pass Thaddeus Stevens' entrance exam in order to be accepted to Thaddeus Stevens. This program is subject to tuition at a discounted rate. Students are eligible for financial aid through the FAFSA application.

ReSET to Graduation

Columbia High School has continued to work to increase opportunities and strengthen supports for all our students. A continued growth area for CHS is our graduation rate, calculated by the number of students who successfully complete high school with their four-year cohort. As we continue to monitor our on-track-for-graduation rate, we are increasingly aware of the need for alternative learning times and programming that some of our students need. The daily operation of this program intends to fill the gap we currently experience for fully in-person and fully remote learning for students experiencing learning loss. Specifically, this program provides consistent in-person, teacher directed and supported learning as a non-traditional program. To address this need, the **ReSET to Graduation** program has been instituted at the high school. This program operates in person from Monday through Thursday, between 3:30 and 6:30 p.m. at the High School under the instruction of CBSD teachers during the school year. The remaining instructional hours needed as per the state requirements will be obtained virtually through coursework and internship hours. This is a programming option offered based upon recommendation from the school counselors and principal or designee.

COURSE SELECTION

Course selection is an important task that must be planned carefully by you and your family. The subjects that you study in high school today will greatly influence the options you have in the future. Obtaining a high school diploma maximizes your career opportunities after high school. In order to take full advantage of the opportunities open to you, you should plan your educational program so that you will fully develop your abilities, talents, and interests. As you choose your courses, keep in mind the following factors:

1. Your historical academic grades
2. Your abilities and aptitudes
3. Your plans following high school graduation
4. Your career pathway

You should discuss these points with your caregiver or guardian before coming to a final decision. Your teachers will make core recommendations for next year. Your teachers and School Counselor will answer questions you may have. Students will have a choice for elective courses. Every effort will be made to assign you to the courses you select based upon your specific career pathway and past academic performance. The administration reserves the right to assign students to alternate courses if the original choices cannot be scheduled. Please review the following pages carefully.

PROCEDURES

1. Counselors and Administrators will hold student meetings during which the course selection process will be explained to students.
2. Teachers will submit their recommendations.
3. The Counselor will meet with students as necessary to ensure they are enrolled in the correct courses.
4. Students who do not complete a course scheduling request will be scheduled based upon their historical grades and courses.
5. Courses mandated by the Commonwealth of Pennsylvania, or the school district required for graduation will be assigned by counselors. Teacher recommendations, test scores, and the students' achievement will help to determine their course assignments.
6. Course scheduling is difficult. Certain combinations of courses may be impossible to schedule. Alternatives may be required for elective courses.
7. The following should be considered when making course selections:
 - All students in grades 9 and 10 will select 7 credits based on graduation requirements.
 - All students in grades 11 and 12 will select courses to meet requirements for graduation based upon transcript review.
 - Exceptions are made only if courses reflect a known career choice and have caregiver, counselor, and administrative approval.
 - No credit is given for a quarter's work in a course scheduled for a semester without administrative approval.
 - Based upon individual need, students may be placed in courses when they have not met the prerequisite listed in the catalog. The principal may grant permission under extenuating circumstances.
 - Students are not required to take a world language; however, it is highly recommended for students pursuing post-secondary education.
 - Students are required to pass a minimum of 24 credits to qualify for graduation.

SCHEDULE CHANGE POLICY

Changes to schedules must be completed within the first five days of the school year, within the five days following enrollment, or after the start of a new semester (half-year classes only). **No changes may be made after the first five days of the school year or after the five days following enrollment.** After the aforementioned time periods, no student-initiated schedule changes will be made. Schedule changes will only be considered with Counselor or administrative approval.

MATHEMATICS COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
651	CP Algebra 1	9-10	1.0	1.0
634	Honors Algebra 1	8-10	1.1	1.0
MA103	CP Algebra 2/Geometry	9-12	1.0	1.0
MA104	Honors Algebra 2/Geometry	9-12	1.1	1.0

*All students must complete Algebra 1 and Algebra 2/Geometry

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
626	CP Pre-Algebra	9	1.0	1.0
6504	Personal Finance	10-12	1.0	0.5
620	Thinking Mathematically	10-12	1.0	0.5
650	Consumer Math	10-12	1.0	1.0
MA100	Advanced Algebra with Trigonometry	10-12	1.0	1.0
616	Honors Calculus	10-12	1.1	1.0
615	Honors Trigonometry and Pre-Calculus	10-12	1.1	1.0
614	Statistics	10-12	1.0	1.0

MATHEMATICS COURSE DESCRIPTIONS

CP Algebra 1	Grades 9-10
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This course focuses on algebraic properties and operations and will prepare students to take the Algebra 1 Keystone Exam. Topics of study include operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, and data analysis.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Honors Algebra 1	Grades 8-10
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This course of study will progress at an advanced level and will prepare students to take the Algebra 1 Keystone Exam. Topics of study include operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, and data analysis. Students will access the same information, but there will be greater rigor in assignments. Students will need stronger mathematical and analytical skills to achieve success.



Prerequisite: 85% or higher in 8th grade math and/or teacher recommendation

Weight: 1.1

Credit: 1.0

CP Algebra 2/Geometry	Grades 9-12
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This course focuses on expanding skills learned in Algebra 1 and geometric terminology and theorems. Topics of study include variables and expressions, linear equations and inequalities, graphing functions and relations, systems of equations and inequalities, polynomial functions, quadratic functions, powers, roots and radicals, and data analysis and probability. Other topics of study include parallel and perpendicular lines, congruence and similarity, properties and measurements of polygons and polyhedrons, properties of circles, spheres, and cylinders, right triangles and trigonometric ratios, and coordinate geometry.



Prerequisite: Successful completion of Algebra 1

Weight: 1.0

Credit: 1.0

Honors Algebra 2/Geometry	Grades 9-12
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This course of study will progress at an advanced level and focuses on expanding skills learned in Algebra 1 and geometric terminology and theorems. Topics of study include variables and expressions, linear equations and inequalities, graphing functions and relations, systems of equations and inequalities, polynomial functions, quadratic functions, powers, roots and radicals, and data analysis and probability. Other topics of study include parallel and perpendicular lines, congruence and similarity, properties and measurements of polygons and polyhedrons, properties of circles, spheres, and cylinders, right triangles and trigonometric ratios, and coordinate geometry. Students will access the same information, but there will be greater rigor in assignments. Students will need stronger mathematical and analytical skills to achieve success.



Prerequisite: 85% or higher in Honors Algebra 1 or 90% or higher in CP Algebra 1 and/or teacher recommendation

Weight: 1.1

Credit: 1.0

CP Pre-Algebra	Grade 9
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This course is designed for students who need to develop basic algebra skills. Topics of study include operations with real numbers and expressions, linear equations, linear inequalities, functions, coordinate geometry, and data analysis.



Prerequisite: Teacher recommendation

Weight: 1.0

Credit: 1.0

Personal Finance	Grades 10-12
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This course will help students understand the important role of money in their lives and how to be financially responsible. Topics of study include behavioral economics, investing, types of credit, managing credit, insurance, and consumer skills.



Prerequisite: Successful completion of Algebra 1

Weight: 1.0

Credit: 0.5

Thinking Mathematically	Grades 10-12
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This course provides a general survey of mathematical topics that are useful in our contemporary world. Students will acquire knowledge of fundamental mathematics and develop problem-solving skills while fostering critical thinking. Topics of study include problem solving and critical thinking, set theory, logic, number representation and calculation, number theory and the real number system, algebra, and consumer math and financial management.



Prerequisite: Successful completion of Algebra 1

Weight: 1.0

Credit: 0.5

Consumer Math	Grades 10-12
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This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways mathematics affects their daily lives. Topics of study include paychecks and wages, taxes, insurance, budgets, bank accounts, credit cards, interest calculations, and comparison shopping.



Prerequisite: Successful completion of Algebra 1

Weight: 1.0

Credit: 1.0

Advanced Algebra with Trigonometry	Grades 10-12
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This course will prepare students for the SAT, ACT, and college-level math. Topics of study will include a rigorous review of algebra, an introduction to the fundamentals of trigonometry, including trigonometric equations and identities, and an introduction to elementary statistical methods and probability.



Prerequisite: Successful completion of Algebra 2/Geometry

Weight: 1.0

Credit: 1.0

Honors Calculus	Grades 10-12
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This course of study will progress at an advanced level and prepares students to take the SAT and college-level math. A student taking this course will study differential calculus, integral calculus and analytic geometry. Students will access the same information, but there will be greater rigor in assignments. Students will need stronger mathematical and analytical skills to achieve success.



Prerequisite: 85% or higher in Honors Trigonometry and Pre-Calculus and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Honors Trigonometry and Pre-Calculus	Grades 10-12
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This course prepares students for the SAT and college-level math and will progress at an advanced level. Topics of study include analytic geometry, functions, exponential functions, trigonometric functions, logarithmic functions, parametric and polar equations, polynomial and rational equations, inequalities, angles, fundamental trigonometric identities and trigonometric equations, vectors, techniques of proof, and sequences and series. Students will access the same information, but there will be greater rigor in assignments. Students will need stronger mathematical and analytical skills to achieve success.



Prerequisite: 85% or higher in Honors Algebra 2/Geometry, 90% or higher in CP Algebra 2/Geometry and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Statistics	Grades 10-12
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This course will cover descriptive statistics, probability, probability distributions, estimation, statistical process control, non-parametric statistics, hypothesis testing, inference, and linear regression. Topics that are vital to a variety of employment opportunities will be incorporated in the course content. The use of computers and graphing calculators will also be included. This course prepares students for the SAT or ACT and college-level math.



Prerequisite: Successful completion of Algebra 2/Geometry

Weight: 1.0

Credit: 1.0

SCIENCE COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
863	CP Physical Science	9	1.0	1.0
862	Honors Physical Science	9	1.1	1.0
813	CP Biology	10	1.0	1.0
807	Honors Biology	10	1.1	1.0
SC103	CP General Science	11	1.0	1.0
SC104	Honors General Science	11	1.1	1.0

*All students must complete Physical Science, Biology, and General Science

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
820	Current Science	9-12	1.0	0.5
2007	Current Science (online)	9-12	1.0	0.5
839	Ecology	9-12	1.0	0.5
828	Taxonomy and Classification	9-12	1.0	0.5
829	Mission to Mars: Space STEM	10-12	1.0	0.5
818	Anatomy and Physiology	11-12	1.0	0.5
823	CP Chemistry	11-12	1.0	1.0
826	Forensics	11-12	1.0	0.5
SC105	Honors Biochemistry	11-12	1.1	1.0
SC107	Horticulture	11-12	1.0	0.5
827	Marine Biology	11-12	1.0	0.5

SCIENCE COURSE DESCRIPTIONS

CP Physical Science	Grade 9
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Students will be introduced to the basic principles of Chemistry and Physics. Topics of study include structure and properties of matter, chemical reactions, forces and motion, waves, and energy. This course will include participating in class discussion, hands-on laboratory exercises as well as reading, writing and analyzing scientific articles.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Honors Physical Science	Grade 9
-------------------------	---------

of study will progress at an advanced level. Students will be introduced to the basic principles of Chemistry and Physics. Topics of study include structure and properties of matter, chemical reactions, forces and motion, waves, and energy. This course will include participating in student lead class discussion, hands-on laboratory exercises, and inquiry-based learning techniques as well as reading, writing and analyzing scientific articles. Students will access the same informato

Prerequisite: 85% or higher in 8th grade science and/or teacher recommendation

Weight: 1.1

Credit: 1.0

CP Biology	Grade 10
------------	----------

This class will focus on mastering the eight key concepts required to prepare students for the Biology Keystone exams and supply the information necessary to make the students successful in their college careers. Instruction will be student lead and inquiry based. Topics include cell growth and reproduction, genetics, theory of evolution, ecology, basic biological principles, chemical basis for life, bioenergetics and homeostasis.



Prerequisite: Successful completion of Physical Science

Weight: 1.0

Credit: 1.0

Honors Biology	Grade 10
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This course of study will progress at an advanced level. This class will focus on mastering the eight key concepts required to prepare them for the Biology Keystone exams and supply the information necessary to make the students successful in their college careers. Instruction will be student lead and inquiry based. Topics include cell growth and reproduction, genetics, theory of evolution, ecology, basic biological principles, chemical basis for life, bioenergetics, and homeostasis.



Prerequisite: 85% or higher in Honors Physical Science or 90% or higher in CP Physical Science and/or teacher recommendation

Weight: 1.1

Credit: 1.0

CP General Science	Grade 11
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Throughout the course, students will delve into key topics in physics, chemistry, biology, and Earth science, uncovering the interconnectedness of these fields. Hands-on experiments and laboratory activities will complement theoretical concepts, allowing students to apply their knowledge in real-world scenarios. From understanding the basic laws of motion to exploring the intricacies of cellular biology, this course aims to spark curiosity and inspire a lifelong love for science.



Prerequisite: Successful completion of Biology

Weight: 1.0

Credit: 1.0

Honors General Science	Grade 11
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This course of study will progress at an advanced level. Throughout the course, students will delve into key topics in physics, chemistry, biology, and Earth science, uncovering the interconnectedness of these fields. Hands-on experiments and laboratory activities will complement theoretical concepts, allowing students to apply their knowledge in real-world scenarios. From understanding the basic laws of motion to exploring the intricacies of cellular biology, this course aims to spark curiosity and inspire a lifelong love for science.



Prerequisite: 85% or higher in Honors Biology or 90% or higher in CP Biology and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Current Science	Grades 9-12
-----------------	-------------

This course will be a research-based course in which students will be introduced to current scientific topics. Examples of topics include global warming, genetically modified foods, and invasive species. Students will be required to do research and create projects to demonstrate an understanding of these topics.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Current Science (online)	Grades 9-12
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This course will be a research-based course in which students will be introduced to current scientific topics. Examples of topics include global warming, genetically modified foods, and invasive species. Students will be required to do research and create projects to demonstrate an understanding of these topics. This course is conducted in an online environment.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Ecology	Grades 9-12
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This course will allow students to examine the world's natural processes and systems around us. Students will investigate the use of the natural world and the resources it provides in a hands-on fashion. Students will also consider the complexity of human interactions with the environment and assess the sustainability of these interactions. Topics include Watersheds and Wetlands, Natural Resources, Agriculture and Society, and Human Impact as well as how each topic is interrelated with biological concepts to help strengthen the skills needed for the Keystone Exam. Students will need strong reading, writing, and analytical skills for this course.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Taxonomy and Classification	Grades 9-12
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Taxonomy is the study of naming organisms based on these similarities. In this course students will explore the evolution of plants and animals through scientific research and hands on exploration, as we move from single celled organisms to invertebrates and then on to vertebrates. Topics include phylogeny and the tree of life, bacteria and archaea, protists, fungi, plant and animal diversity, invertebrates and vertebrates.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Mission to Mars: Space STEM	Grades 10-12
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This course is designed for students in Grades 10-12. This course will use engineering and design processes with a focus on Next Generation Science standards to investigate how human life could be sustained on Mars. Students will investigate human transportation to arrive on Mars, along with investigating what the Mar's atmosphere and landscape would be like, and how to create an environment where humans could safely inhabit the planet and sustain life there for an extended period.



Prerequisite: Successful completion of Physical Science

Weight: 1.0

Credit: 0.5

Anatomy and Physiology	Grades 11-12
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In this introductory class, students will get a chance to learn about the human body. All body systems will be covered with interactive and engaging activities. Structure and function will also be a focus of this class.



Prerequisite: Successful completion of Biology

Weight: 1.0

Credit: 0.5

CP Chemistry	Grades 11-12
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This course employs a laboratory-centered approach touching on topics including matter and energy, atomic theory, chemical reactions, chemical bonding and properties of the periodic table. Coursework will be a combination of experiments, teacher demonstrations, class lectures, and group work.



Prerequisite: 85% or higher in Honors Biology or 90% or higher in CP Biology and/or teacher recommendation

Weight: 1.0

Credit: 1.0

Forensics	Grades 11-12
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Forensic Science is any science used for the purposes of the law and provides impartial scientific evidence for use in criminal investigations and trials. This class is designed to help students master the scientific method and research techniques. Topics of study include DNA evidence, trace evidence, document evidence, blood evidence and a cumulative final.



Prerequisite: Successful completion of Biology

Weight: 1.0

Credit: 0.5

Honors Biochemistry	Grades 11-12
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This course of study will progress at an advanced level. Biochemistry is a laboratory-based science designed for any student interested in post-secondary study in any area of science. Students will be revisiting the topics covered in Biology I with an emphasis on the chemical basis of each subject area. Subjects include animal structure and function, biochemistry, diversity, plant evolution, heredity and molecular genetics. Each subject area will include at least one lab and require a lab report.



Prerequisite: 85% or higher in Honors Biology or 90% or higher in CP Biology and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Horticulture	Grades 11-12
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This course provides students with basic knowledge and skills necessary to pursue careers in the horticultural industry. Students are introduced to the concepts of plant growth and development, plant nomenclature, use of plants in landscape settings, invasive plant species, and principles and components of Integrated Pest Management in controlling insects, diseases, and weeds. In addition, students become aware of career opportunities within the green industry and the economic value of horticultural crops, products, and related services.



Prerequisite: Successful completion of Biology

Weight: 1.0

Credit: 0.5

Marine Biology	Grades 11-12
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Marine Biology is the scientific study of organisms that live in the sea. This class is designed to give students a better understanding of each type of organism and the environment that supports them. Topics to be covered will include principles of marine biology, organisms of the sea, and structure and function of marine organisms.



Prerequisite: Successful completion of Biology

Weight: 1.0

Credit: 0.5

SOCIAL STUDIES COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
912	CP Modern United States History	9	1.0	1.0
915	Honors Modern United States History	9	1.1	1.0
913	CP Modern World History	10	1.0	1.0
907	Honors Modern World History	10	1.1	1.0
914	CP United States Government	11	1.0	1.0
939	AP United States Government and Politics	11-12	1.1	1.0

*All students must complete Modern United States History, Modern World History, and United States Government OR AP United States Government and Politics

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
SS103	Local History, Cultures, and Religions	9-12	1.0	0.5
943	Foundations of Geography	9-12	1.0	0.5
SS102	Urban Legends and Paranormal Activities	9-12	1.0	0.5
946	Contemporary Issues	10-12	1.0	0.5
922	Comparative History and Film	10-12	1.0	0.5
SS101	Diplomacy	10-12	1.0	0.5
940	Psychology	10-12	1.0	0.5
944	Sociology	10-12	1.0	0.5
945	Street Law	10-12	1.0	0.5

SOCIAL STUDIES COURSE DESCRIPTIONS

CP Modern United States History	Grade 9
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The course will cover United States History from the Progressive Era to the present (1900 - present day). Emphasis will be placed on developing historical and analytical skills, exploration of the contributions and impacts of various historical documents, identifying areas of conflict and cooperation among social groups of the period, and comparing patterns of continuity and change. Additionally, students will sharpen their geographic skills, and understanding of Pennsylvania and local history.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Honors Modern United States History	Grade 9
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The course will cover United States History from the Progressive Era to the present (1900 - present day). Emphasis will be placed on developing historical and analytical skills, exploration of the contributions and impacts of various historical documents, identifying areas of conflict and cooperation among social groups of the period, and comparing patterns of continuity and change. Additionally, students will sharpen their geographic skills, and understanding of Pennsylvania and local history. Honors students will access all the same historical information as Modern United States History but there will be more rigor in terms of reading and writing assignments as well historical analysis expectations. Students will need stronger reading, writing and analytical skills to achieve success.



Prerequisite: 85% or higher in 8th grade social studies and/or teacher recommendation

Weight: 1.1

Credit: 1.0

CP Modern World History	Grade 10
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In Modern World History, students will cover the time from 1450- Present and take a Eurocentric perspective of global history: Renaissance to Present day. In their quest to understand the contributions of individuals/groups as well as apply understanding of the impact of conflict and cooperation of individuals/groups as well as change and continuity, students will analyze and interpret various primary and secondary sources.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 1.0

Honors Modern World History	Grade 10
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This course of study will progress at an advanced level. In Modern World History students will cover the time from 1450- Present and take a Eurocentric perspective of global history: Renaissance to Present day. In their quest to best understand the contributions of individuals/groups as well as apply understanding of the impact of conflict and cooperation of individuals/groups as well as change and continuity students will analyze and interpret various primary and secondary sources. This honors course will cover the same content as in CP Modern World History but with far more depth and additional reading and writing requirements.



Prerequisite: 85% or higher in Honors Modern United States History or 90% or higher in CP Modern United States History and/or teacher recommendation.

Weight: 1.1

Credit: 1.0

CP United States Government	Grade 11
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United States Government examines continuity and change among the three branches of government at the national, state, and local levels. Students will refine a variety of skills including interaction between place and time, and human characteristics. Students will read and analyze historical texts (both primary and secondary sources) and write for various reasons while always providing evidence to evaluate major arguments advanced for the necessity of government. Time will also be spent comparing and contrasting various opinions and applications of United States government.



Prerequisite: Successful completion of Modern World History

Weight: 1.0

Credit: 1.0

AP United States Government and Politics	Grades 11-12
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AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Students will read and analyze historical texts (both primary and secondary sources) and write for various reasons while always providing evidence to evaluate major arguments advanced for the necessity of government. Advanced Placement students will cover the same content as CP students in United States Government but with far more depth and analysis to prepare for the Advanced Placement Exam. AP students will meet the expectations that far exceed those of a CP student in terms of selection of text, writing requirements, historical analysis, and meeting summer reading requirements.



Prerequisite: 85% or higher in Honors Modern World History or 90% or higher in CP Modern US History and/or teacher recommendation and completion of summer reading

Weight: 1.1

Credit: 1.0

Local History, Cultures, and Religions	Grades 9-12
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Throughout the course, students will engage in hands-on experiences, discussions, and reflections to explore the customs, traditions, beliefs, and practices of various cultural and religious groups in Southeastern Pennsylvania. They will have the opportunity to visit local places of worship, interact with community members, and learn about the historical and contemporary significance of these cultural and religious traditions.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Foundations of Geography	Grades 9-12
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This course is a global survey of the world's geographic regions including Africa, Asia, Europe, North America, and South America. Topics covered include physical environments, cultures and economies, origins, interactions, and global roles. Geographic concepts and ideas are learned so students can study and compare cultures, landscapes, resources, livelihood and land use for a specific area. Explanations for the globalization of culture and economy, the widening gap between rich and poor areas (be they nations, states etc.) will be explored. A major goal of this course is to improve each student's "mental map of the world" for every type of map.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Urban Legends and Paranormal Activities	Grades 9-12
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In this course, students will explore the fascinating world of urban legends and paranormal phenomena. Through critical analysis and investigation, students will delve into the origins, cultural significance, and psychological aspects of urban legends and paranormal beliefs. They will examine popular urban legends, ghost stories, supernatural encounters, and unexplained phenomena.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Contemporary Issues	Grades 10-12
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Contemporary Issues is designed to acquaint students with current events of local, state, national, and international interest. This course will allow students to acquire knowledge of key contemporary personalities and events that impact their lives. As students study current issues from historical and geographical perspectives, they will strengthen research and analytical skills. Using a variety of resources, students will be able to evaluate news for content, fact, opinion, reliability, and validity as well as to utilize different elements of news sources to develop an understanding of events and issues of the present. This course requires comprehension of editorials, graphic materials, media text, and statistical data. Mastering the content standards in this course requires students to investigate issues by looking beyond the presentation provided by the media. Students will need strong reading, writing, and analytical skills.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

Comparative History and Film	Grades 10-12
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Does Hollywood ever tell the truth about history? This course is designed for students to refine their knowledge of a particular event or topic through research and guided instruction so that they may view Hollywood produced films about that topic with a discerning eye. Students will then analyze the accuracy of the film's presentation of the topic and illustrate their depth of understanding in writing. Students will need strong reading, writing, and analytical skills. Due to the graphic historical nature of the films which include elements of war, students must be in 12th grade to take this course.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

Diplomacy	Grades 10-12
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In this dynamic and immersive course, students will engage in a semester-long diplomacy simulation to develop their negotiation, communication, and critical thinking skills. Through hands-on experiences and collaborative decision-making, students will explore the complexities of international relations and the art of diplomacy.

Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

Psychology	Grades 10-12
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The purpose of this course is to introduce students to the study of psychology. This course will include an introduction to methods of discipline, research and experiments, developmental psychology, states of consciousness, types of conditioning, as well as psychological disorders and treatment. Students will need strong reading, writing, and analytical skills.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

Sociology	Grades 10-12
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The purpose of this course is to introduce students to the field of sociology. In this course students will study social life, social change, and the social causes and consequences of human behavior. Students will investigate the structure of groups, organizations, and societies and how people interact within them.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

Street Law	Grades 10-12
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Street Law is a course that provides students with practical information and real-life problem-solving opportunities specifically related to skills needed to become an active participant in our democratic society. Students will be responsible for analyzing the rights and responsibilities of the citizen, the functions of law, rule of law, and how the law protects and supports the common good. Resource professionals such as lawyers and police officers will be guest speakers. The course includes case studies, role playing, small group exercises, and visual analysis activities. Students will need strong reading, writing, and analytical skills.



Prerequisite: Successful completion of Modern United States History

Weight: 1.0

Credit: 0.5

ENGLISH COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
341	CP English 9	9	1.0	1.0
308	Honors English 9	9	1.1	1.0
342	CP English 10	10	1.0	1.0
347	Honors English 10	10	1.1	1.0
343	CP World Literature	11-12	1.0	1.0
EN101	CP African American Literature	11-12	1.0	1.0
EN100	CP Career English	11-12	1.0	1.0
EN107	CP Theatrical Literature	11-12	1.0	1.0
329	Honors British Literature	11-12	1.1	1.0
344	AP English Literature and Composition	11-12	1.1	1.0
95	English 1	9-12	1.0	1.0
96	English 2	9-12	1.0	1.0
97	English 3	9-12	1.0	1.0
98	English 4	9-12	1.0	1.0

*All students **must** complete English 9 and English 10. Students may choose one of the following courses to complete the third and fourth **required** English courses: CP World Literature, CP African American Literature, CP Career English, CP Analyzing, Creating, and Performing Theatrical Literature, Honors British Literature, or AP English Literature and Composition.

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
367	World Mythology	9-10	1.0	0.5
363	Film as Literature	9-12	1.0	0.5
	Linguistics	9-12	1.0	0.5
346	Classical Mythology	11-12	1.0	0.5

ENGLISH COURSE DESCRIPTIONS

CP English 9	Grade 9
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This literature survey course will give students a strong basis for understanding and analyzing literary fiction and nonfiction. Students will go to great lengths comprehending, evaluating, interpreting, and writing about both fiction and nonfiction. Writing and editing informative, persuasive, and narrative essays utilizing traditional writing conventions will be discussed, practiced, and applied. Through individual and in-class reading, research, critical viewing, discussion, writing, and application, skills will be developed. There will be a focus on project-based learning, where students will grow in their collaboration, agency, oral language, and written language skills through application of their knowledge and thinking.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Honors English 9	Grade 9
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This literature survey course will give students a strong basis for understanding literature fiction and nonfiction, as well as for writing analyses of these materials. There will be extensive coverage on understanding, analyzing, interpreting, and writing about fiction and nonfiction. The use of standard written language standards in writing informational, persuasive, and narrative pieces will be covered. Through individual and in-class reading, research, critical viewing, discussion, writing, and application, skills will be developed and applied through project-based learning. Extensions on materials will be expected as we explore content to create text to text, world, and self-connections, finding relevance in our content. Assessments will take place on an advanced level to account for honors level work. This is a writing intensive course.



Prerequisite: 85% or higher in 8th grade English and/or teacher recommendation and completion of summer reading

Weight: 1.1

Credit: 1.0

CP English 10	Grade 10
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This overview of American literature will improve skills in analysis of literature, writing, and speaking assignments. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application. Comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be expanded upon as it relates to the Keystone Literature Exam. Students will explore additional content and completed extended projects while writing well supported essays in MLA format.



Prerequisite: Successful completion of English 9

Weight: 1.0

Credit: 1.0

Honors English 10	Grade 10
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This overview course of American literature will place a strong emphasis on comprehending, analyzing, interpreting, and writing about fiction and nonfictional literature. Keystone Literature Exam concepts will be expanded upon through literature. A primary component of this course is to read and analyze various genres of literature and to translate acquired knowledge into well-reasoned and supported essays within the MLA format. Skills will be developed through classwork, writing, reading, and class discussion. Students will be expected to meet all the requirements of American Literature as well as to explore additional content and extended assignments. Assessment of honor's level work will reflect the weighted structure of the class. This is a writing intensive course.



Prerequisite: 85% or higher in Honors English 9 or 90% or higher in CP English 9 and/or teacher recommendation and completion of summer reading

Weight: 1.1

Credit: 1.0

CP World Literature	Grades 11-12
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This overview of literature will provide a context for critical and literary analysis. Students will further explore writing and revising informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application. Students will be exposed to increased academic vocabulary, including college entrance exam vocabulary.



Prerequisite: Successful completion of English 10

Weight: 1.0

Credit: 1.0

CP African American Literature	Grades 11-12
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This course of study will focus on historical and modern day African American literature, including historical texts, poetry, autobiography, literary criticism, and music. Students will begin by exploring the early writings of slaves, followed by literature developed during the conclusion of slavery and the Civil War, as well as the state of America during Reconstruction. The students will also explore the Harlem Renaissance, the Civil Rights Movement, late 20th Century texts, and contemporary pieces. Assessments will be based on projects, journals/reflection essays and critical analysis. This is a reading and writing intensive class.

Prerequisite: Successful completion of English 10

Weight: 1.0

Credit: 1.0

CP Career English	Grades 11-12
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Students will enhance communication and research skills by applying them to the work or career environment, in addition to exchanging information and producing properly formatted business or career documents using emerging technology. Students will also enhance their speech and presentation skills throughout the course.

Prerequisite: Successful completion of English 10

Weight: 1.0

Credit: 1.0

CP Analyzing, Creating, and Performing Theatrical Literature	Grades 11-12
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In this course of study, students will be working collaboratively and independently to develop their writing, reading, speaking, and listening skills in a theatrical context. Using both dramatic and comedic plays from varied times and countries, this course will place students in the seat of five of the major text-based roles taken in theatrical productions: directors, actors, designers, dramaturgs, and writers. Each role is paired with a unit which pulls together plays in thematic or genre-based category including Classics (Ancient and Modern), Women, American Drama, and Theater of the Absurd. Projects will be very practical and based on the roles and needs of a theatrical setting including the performance of a scene or monologue at the end of the year. Students should anticipate a very discussion-based environment where they will be expected to be consistently reading aloud, acting scenes out, playing theater games, and viewing and researching performances.

Prerequisite: Successful completion of English 10

Weight: 1.0

Credit: 1.0

Honors British Literature	Grades 11-12
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British Literature will place a strong emphasis on writing and the analytical thinking skills that will prepare students for college entrance examinations and collegiate academics. A primary component of this course is to read and analyze various genres of literature and to translate that acquired knowledge into well-reasoned and supported written essays. Assessment of honor's level work will reflect the weighted structure of the class. This course is an intensive writing course and requires the completion of summer reading assignments by the first day of class.



Prerequisite: 85% or higher in Honors English 10 or 90% or higher in CP English 10 and/or teacher recommendation and completion of summer reading

Weight: 1.1

Credit: 1.0

AP English Literature and Composition	Grades 11-12
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The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of literature to deepen their understanding of the writer's use of language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students should be able to read and comprehend college-level texts and write grammatically correct, complete sentences. This is a writing intensive course. At the end of the course, students may take the AP Exam to qualify for college credit.



Prerequisite: 90% or higher in Honors level English and/or teacher recommendation, scored proficient or advanced on the Keystone Exams, and completion of summer reading

Weight: 1.1

Credit: 1.0

English 1	Grades 9-12
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Study of English and the American culture designed for delivery to non-English speaking 9th through 12th grade students. Students will develop the skills of listening, reading, writing, and pronouncing American English. Emphasis will be placed on the use of vocabulary in daily conversation, reading and analyzing short, leveled passages, and writing basic sentences with the target vocabulary and grammar. Students will have access to web-based leveled readers for additional practice.



Prerequisite: ESL entrance exam

Weight: 1.0

Credit: 1.0

English 2	Grades 9-12
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Study of fiction and nonfiction literature designed for delivery to 9th through 12th grade English Language Learners. Strategies for comprehending, analyzing, synthesizing, and evaluating fiction and nonfiction texts to develop language, vocabulary, and comprehension of the English language. Basic writing skills will be developed, building from simple sentences into complex sentences and paragraphs into essays. Students will have access to web-based leveled readers for additional practice.



Prerequisite: Level 2 on PA ACCESS

Weight: 1.0

Credit: 1.0

English 3	Grades 9-12
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Study of fiction and nonfiction literature designed for delivery to 9th through 12th grade English Language Learners. Strategies for comprehending, analyzing, synthesizing, and evaluating fiction and nonfiction texts as they relate to the Keystone Literature Exam will be targeted. Students will further hone their skills in writing and revising informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language. These skills will be developed through independent and guided reading, research, discussion, writing, and application.



Prerequisite: Level 3 on PA ACCESS

Weight: 1.0

Credit: 1.0

English 4	Grades 9-12
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Study of fiction and nonfiction literature designed for delivery to 9th through 12th grade English Language Learners. Strategies for comprehending, analyzing, synthesizing, and evaluating fiction and nonfiction texts as they relate to the Keystone Literature Exam will be targeted. Students will further hone their skills in writing and revising informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language. These skills will be developed through independent and guided reading, research, discussion, writing, and application.



Prerequisite: Level 4 on PA ACCESS

Weight: 1.0

Credit: 1.0

World Mythology	Grades 9-10
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This course is a study of the gods, goddesses, and legends of world mythologies. Students will explore the literary and historical influences of the mythology of cultures other than Greek and Roman. Cultures of study may include the Celtic, Mayan, Egyptian, Japanese, Mesopotamian, Native American, and Norse. Students will research the history of the civilizations, read stories of the gods and heroes, and will study the literature and drama, and associated with the myths. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application. This is a survey course designed as an introduction.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Film as Literature	Grades 9-12
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This course will focus on the study of film as literature. Students will explore the analysis of film using literary analysis methods to break down its elements. Students will develop their abilities to actively view a film; ask questions about character, plot, setting, and theme in the film; write about the film; and discuss the film. Skills will be developed through active independent and whole class critical viewing, independent and class reading, research, discussion, writing, and application.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Linguistics	Grades 9-12
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The course provides many ways for students to practice the five strands that comprise the English language arts: reading, writing, listening, speaking, and the study of language itself as a topic. Students will receive a general introduction to the nature, history, and use of human language, speech, and writing. Topics include the biological basis of human language; relations to cognition, communication, and social organization; sounds, forms, and meanings in the world's languages; the reconstruction of linguistic history and the family tree of languages; dialect variation and language standardization; language and gender; language learning by children and adults; the neurology of language and language disorders; the nature and history of writing systems. Students will conduct research projects to connect and reflect on language experiences.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Classical Mythology	Grades 11-12
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Classical mythology involves study of the gods, goddesses, and legends of ancient Greece and Rome. Students will explore the literary and historical influences of these mythologies on the world as a whole. Students will research the history of Greek Mythology, read stories of the gods and heroes, and will study the literature and drama associated with the myths. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.



Prerequisite: None

Weight: 1.0

Credit: 0.5

APPLIED ENGINEERING COURSES - MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
360	STEM Exploration	9	1.0	0.5

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
1775	Photography Technology 1	9-12	1.0	0.5
1776	Photography Technology 2	9-12	1.0	0.5
STEM101	Metal Fabrication	10-12	1.0	0.5
STEM100	Woodworking	10-12	1.0	0.5
STEM106	Cabinetry and Furniture Design	10-12	1.0	0.5
779	Residential Construction	10-12	1.0	0.5
STEM107	Computer Applications and Digital Media	10-12	1.0	0.5
766	Graphic Communications 1	10-12	1.0	0.5
773	Graphic Communications 2	10-12	1.0	0.5
348	Yearbook 1	10-12	1.0	0.5
349	Yearbook 2	10-12	1.0	0.5

APPLIED ENGINEERING COURSE DESCRIPTIONS

STEM Exploration	Grade 9
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The STEM Exploration course will offer students a unique experience in the STEM field. Students will have the opportunity to explore four fundamental areas of Applied Engineering: Material Processing, Communication, Robotics, and Biotechnology. In each area, students will be given a general introduction and create hands-on projects. In Material Processing, there will be a woodworking project and a metals project. In the Communications segment, there will be a Computer Aided Design component and graphics component. In Robotics, students will be exposed to coding for an robot systems. In the Biotechnology section of the course, students will experience a stream study, and use a design brief. As part of this course, students will tour a local college that offers courses in these four areas.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Photography Technology 1	Grades 9-12
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Students will explore basic photographic concepts and develop basic skills to develop their technological literacy. Students will use digital cameras to develop skills for image capture and presentation. Historic photographic inventions and innovations will be studied. Topics of photo composition, printmaking, manipulation of camera control, and exposure of light control will be studied. Digital moral ethics will also be introduced and practiced.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Photography Technology 2	Grades 9-12
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Students will study digital imaging and editing to solve technological problems and improve technological literacy. Students will have the opportunity to experience computer software to enhance, restore, and manipulate their images. Students will apply what they learn to solve technological problems.



Prerequisite: Successful completion of Photography Technology 1

Weight: 1.0

Credit: 0.5

Metal Fabrication	Grades 10-12
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The course emphasizes drafting skills and precision measuring, providing a solid foundation for the exploration of various fabrication techniques such as milling, turning, bending, cutting, casting, grinding and finishing. Throughout the class, students will cultivate a strong commitment to safety practices and gain a profound appreciation for the industrial aspects of metal fabrication.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Woodworking	Grades 10-12
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The course introduces various aspects of woodworking, including types of joinery, fastening methods, assembly techniques, and finishing touches. Across hands-on projects, students will embark on a comprehensive journey covering safety protocols, interpreting plans, calculating material requirements and costs, and mastering the art of milling and shaping lumber. Students will become familiar with an array of tools, such as handsaws, measuring and squaring tools, sanders, drills, drill presses, chisels, files, bandsaws, planers, jointers, scroll saws, miter saws, table saws, routers, and more.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Cabinetry and Furniture Design	Grades 10-12
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The focus of this course is crafting furniture pieces. This course delves into furniture styles, ergonomics, form and function, and material science. Students will engage in designing and planning custom furniture, employing advanced joinery techniques and fabrication processes. Students will also explore the art of furniture repair, restoration, and refinishing.



Prerequisite: Woodworking

Weight: 1.0

Credit: 0.5

Residential Construction	Grades 10-12
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Students will expand their knowledge of carpentry, electrical work, plumbing, exterior design, masonry, and architecture/drafting. Through engaging hands-on demonstrations, practical applications, field trips, and insights from guest speakers, students will cultivate valuable knowledge and skills.



Prerequisite: Successful completion of Woodworking or Metal Fabrication

Credit: 0.5

Weight: 1.0

Computer Applications and Digital Media	Grades 10-12
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This is a foundational course intended to teach students the computing fundamentals and concepts involved in the use of common software applications. Students will experience digital graphics, audio, animations, and videos. History and careers in these fields will be explored.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Graphic Communications 1	Grades 10-12
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Students will be introduced to graphic design and printing. Students will use software including Adobe applications, Tinkercad, Makerbot Cloud Print, and Thingiverse to develop design solutions. Students will explore iconic media, both new and old, to develop their technological literacy.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Graphic Communications 2	Grades 10-12
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Students will develop advanced skills as graphic designers. Students will use software including Adobe applications, Tinkercad, Makerbot Cloud Print, and Thingiverse to develop design solutions. Students will explore iconic media, both new and old, to develop their technological literacy.



Prerequisite: Successful completion of Graphic Communications I

Weight: 1.0

Credit: 0.5

Yearbook Production 1	Grades 10-12
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Students will study the purposes of a yearbook along with the skills required to develop and produce the school's yearbook. Students will study basic concepts of reporting including interviewing, photographing and writing copy. They will apply page design concepts to develop the school's yearbook.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Yearbook Production 2	Grades 10-12
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Students will study the role of yearbook staff positions to take on a leadership role as a reporter, section editor, photo editor, assistant editor or editor. They will work with fellow staffers to develop a theme and style for the yearbook along with integrating more advanced page design concepts advanced content.



Prerequisite: Successful completion of Yearbook Production I

Weight: 1.0

Credit: 0.5

ART COURSES – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
735	Fundamentals of Art 1	9-12	1.0	0.5
736	Fundamentals of Art 2	9-12	1.0	0.5
7044	Painting: Intermediate	9-12	1.0	0.5
7045	Utilitarian Ceramics: Intermediate	9-12	1.0	0.5

ART COURSE DESCRIPTIONS

Fundamentals of Art 1	Grades 9-12
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Fundamentals of Art I is designed to provide a foundation of core art experiences for students of all abilities. Through experimentation and exploration of various materials, students will learn introductory skills in drawings and hand building ceramics. During studio projects, students will develop their critical and aesthetic vocabulary as they learn the basics of how to “read” art. As part of investigating the purpose and function of art within the community, students will work collaboratively to develop plans to transform a space within Columbia Borough.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Fundamentals of Art 2	Grades 9-12
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Fundamentals of Art II is designed to provide a foundation of core art experiences for students of all abilities. Through experimentation and exploration of various materials, students will learn introductory skills in methods of image transfer, colored pencil, and acrylic painting. The basics of color theory are the cornerstone of this course as students learn, analyze, and utilize key concepts in studio activities. A deeper understanding regarding the impact of art is analyzed through historical and contemporary visual culture.

Prerequisite: Successful completion of Fundamentals of Art 1

Weight: 1.0

Credit: 0.5

Painting: Intermediate	Grades 9-12
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Focusing on historical and contemporary paintings, artists, and art movements, students will learn higher level analysis skills to “read” paintings. By engaging in constructive critique with peers, students will gain experience reflecting on and revising their paintings to encourage both artistic growth and higher-level thinking skills. While exploring intermediate color theory and acquisition of a variety of painting techniques, students will gain a larger amount of independence to pursue concepts of personal interest.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Utilitarian Ceramics focuses on clay as both an art form and functional aspect of society throughout history and modern times. A variety of hand building techniques will be explored when creating ceramic pieces considering function, elements and principles of art. Students can expect to build on brainstorming and problem-solving skills by finding creative solutions to traditional questions. Increasing rigor in structuring planning for art and constructive criticism serve both to increase higher level thinking skills within and outside of the art studio. As part of creating a digital portfolio, students will focus on analyzing images and using criteria to choose the best example.

Prerequisite: None

Weight: 1.0

Credit: 0.5

BUSINESS COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
920	College and Career Readiness	11	1.0	0.5

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
BUS100	Digital and Social Media Marketing	9-12	1.0	0.5
BUS101	Entrepreneurship	9-12	1.0	0.5
BUS102	Economics	9-12	1.0	0.5

BUSINESS COURSE DESCRIPTIONS

College and Career Readiness	Grade 11
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This course is designed to explore careers and skills necessary for success in high school. Careers will be explored and researched through Xello software. Essential skills covered in the course include basic digital literacy, research skills, internet safety, email etiquette, privacy and security, cyberbullying, information literacy, and copyright.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Digital and Social Media Marketing	Grades 9-12
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This is a course designed to serve as an introduction to the basic principles of digital & social media marketing, practices, and the application of these practices. The class will explore the basic concepts and also apply a simulation project where students will prepare a professional digital marketing plan proposal. Each student will develop leadership and problem-solving skills, understand the importance of making ethical decisions, develop public speaking and presentation skills, develop proper social and business etiquette, analyze possible solutions to specific business problems, develop business leadership skills, and develop an increased understanding of the business world.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Entrepreneurship	Grades 9-12
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This is a course designed to give the students an overview of Entrepreneurship. It is a project-based course. Entrepreneurship is designed to teach the concepts for researching ideas and markets and the planning and management processes of owning one's own business. The class will explore the basic concepts and also apply a simulation project where students will prepare a professional business plan proposal. Each student will develop leadership and problem-solving skills, understand the importance of making ethical decisions, develop public speaking and presentation skills, develop proper social and business etiquette, analyze possible solutions to specific business problems, develop business leadership skills, and develop an increased understanding of the business world.

Prerequisite: None

Weight: 1.0

Credit: 0.5

This course builds on real-world economic applications to create a basic understanding of economic concepts and our financial system. This course relates economic principles through real-world situations students are familiar with by covering a broad area of Economic basics. Students will be introduced to the basics of economic principles and learn the importance of understanding different economic systems. They will also investigate how to think like an economist. Students will apply critical-thinking skills using economic concepts to evaluate the costs and benefits of economic issues. The focus is on the fundamental principles concerning economic growth and the distribution of goods and services (the problem of scarcity) in the United States. Students will investigate the interaction of supply, demand, price production, consumption, types of business ownership, and market structures.



Prerequisite: None

Weight: 1.0

Credit: 0.5

COLLEGE, CAREER, AND LIFE READY COURSES – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
604	Fundamentals of Math 9	9-12	1.0	1.0
605	Fundamentals of Math 10	9-12	1.0	1.0
607	Fundamentals of Math 11	9-12	1.0	1.0
608	Fundamentals of Math 12	9-12	1.0	1.0
320	Fundamentals of English 9	9-12	1.0	1.0
322	Fundamentals of English 10	9-12	1.0	1.0
324	Fundamentals of English 11	9-12	1.0	1.0
326	Fundamentals of English 12	9-12	1.0	1.0
754	Transition Planning 1	9-12	1.0	0.5
714	Social Skills	9-12	1.0	0.5
716	Academic Support	9-12	1.0	0.5

COLLEGE, CAREER, AND LIFE READY COURSE DESCRIPTIONS

Fundamentals of Math 9	Grades 9-12
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This introductory course focuses on pre-algebraic concepts. Topics of study will also include basic math concepts.



Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of Math 10	Grades 9-12
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This course focuses on algebraic properties and operations and will prepare students to take the Algebra 1 Keystone Exam. Topics of study will also include basic math concepts.



Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of Math 11	Grades 9-12
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This course focuses on basic geometry. Topics of study will also include basic math concepts.



Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of Math 12	Grades 9-12
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This course focuses on the mathematics involved in making wise consumer decisions. Students explore the many ways mathematics affects their daily lives. Topics of study will also include basic math concepts.



Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of English 9	Grades 9-12
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This is the introductory course for English Language Arts at the high school. In this course, students are expected to focus and/or sustain skills primarily in writing and reading learned prior to entering ninth grade. Students will apply concepts, skills, and strategies that have been taught at previous levels as well as extend their learning in increasingly more complex tasks. In this course, students will grow in their collaboration, agency, oral language, and written language skills through application of their knowledge and thinking.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of English 10	Grades 9-12
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In this course students are expected to refine and extend the skills and strategies in reading, writing and language acquisition from prior learning. Additionally, students extend writing abilities developed and deepen their ability to be active, critical, and analytical readers and thinkers. Students analyze, synthesize, and evaluate various modes of writing and genres of text throughout the course in oral and written presentations. Students develop formal and informal research skills.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of English 11	Grades 9-12
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This course continues to refine and develop key communication skills taught in previous grades. Vocabulary acquisition and active, critical, and analytical reading are the focus areas for this course. Students continue to develop increasingly complex research skills while refining their writing skills. Emphasis will be on formal writing of essays using the informational and persuasive modes of writing to enhance their communication skills.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Fundamentals of English 12	Grades 9-12
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Students demonstrate their acquired English Language Arts skill sets through oral and written presentations. Emphasis is placed on continued development of writing in both formal and informal modes as well as increased use of comprehension strategies to deepen understanding of challenging informational texts. Enhancement of reading, writing, and vocabulary acquisition is also a focus of this course.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 1.0

Transition Planning 1	Grades 9-12
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This course is for students with an IEP and is designed to provide transition skills as specified in the IEP under goals for post-secondary education, employment and independent living. It includes the transition curriculum, independent living series and current issues facing students. Additional courses will build upon this class using similar resources. Students will be placed in the appropriate grade-level course dependent upon successful completion of the previous grade-level course. Job Training and Placement is designed to offer students with an IEP the opportunity to gain transition skills through actual work experience on the school property. This class offers one period per day during school days for a student to gain employment skills in exchange for one credit and community service hours. The work experience may involve but is not limited to working in the high school cafeteria or working directly with a school custodian. Upon request, there is a meeting to discuss eligibility requirements based on IEP need and school approval. Student workers will receive a weekly evaluation form to assist in developing grades. Students will be placed in the appropriate grade-level course dependent upon successful completion of the previous grade-level course.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 0.5

Social Skills	Grades 9-12
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The purpose of this course is to enhance social competence through explicit instruction of skills necessary to engage in successful communication, enhance self-awareness, and navigate the social world both in and out of the classroom atmosphere.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 0.5

This course is an opportunity for students to explore their personal interests and aptitude(s) through an independently defined learning goal that incorporates their current Post-Secondary Education and Training Goals found within their Individualized Education Plan. Learners will work at a pace that is suitable for their personal acquisition yet challenges them to grow as they acquire the knowledge, skills, and attitudes necessary for lifelong learning. Teachers and students, together, will implement a progress monitoring system to effectively communicate learning goals (and any changes that may apply), and advocate, provide, and receive timely feedback and support in accordance with their individualized education plan.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 0.5

FAMILY AND CONSUMER SCIENCE COURSES – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
FCS105	Child Development 1	9-12	1.0	0.5
FCS106	Child Development 2	9-12	1.0	0.5
756	Nutrition 1	9-12	1.0	0.5
759	Nutrition 2	9-12	1.0	0.5
FCS107	International Cuisine	9-12	1.0	0.5
FCS108	US and Regional Cuisine	10-12	1.0	0.5

FAMILY AND CONSUMER SCIENCE COURSE DESCRIPTIONS

Child Development 1	Grades 9-12
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Would you like to be a caregiver, work with children, or just learn why they do the things they do? Child Development is known for its Baby Think It over Program. The baby is a simulation baby that is cared for over the weekend. It requires feeding, diapering, burping, and rocking on a 24-hour schedule. The Baby Think It Over experience allows students to draw their own conclusions and discover for themselves what the role of caregiver feels like. Child Development also covers family structure, types of parenting, teen pregnancy, and labor and delivery.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Child Development 2	Grades 9-12
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Child Development 2 will begin after the birth of the baby. Students will explore the physical, intellectual, social, and emotional development of infants, toddlers, preschool aged children, elementary aged children, and teenagers. The course will also focus on topics such as health and safety, special challenges, and child related career opportunities. Students will work individually and in small groups to complete various project-based assessments. If you have a love for children, this is the course for you.



Prerequisite: Successful completion of Child Development 1

Weight: 1.0

Credit: 0.5

Nutrition 1	Grades 9-12
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This course is intended for all students, particularly those who desire to practice sound nutritional habits for health and longevity. Nutrition 1 begins with students learning proper safety and sanitation techniques. They will analyze different types of bacteria and how cross-contamination occurs. Students will also learn how to analyze a recipe and understand measuring equivalents. Evaluating MyPyramid and MyPlate to determine similarities and differences and explaining the role of the USDA is an essential component. Students will be required to track their food intake for 3 days and analyze the nutritional value of their diet. The study of Macro-Nutrients (carbohydrates, fat, and protein) will conclude the areas of study in Nutrition 1. Students will participate in kitchen labs as well as conduct research working in small groups.



Prerequisite: None

Weight: 1.0

Credit: 0.5

Nutrition 2	Grades 9-12
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In this course students will explore vitamins and minerals and how they can benefit and/or harm the body if too much or too little is ingested. Living in a multicultural society, students will become aware of our nutritional differences and how they developed. Students will complete a research project analyzing a variety of diseases and how they are linked to diet. Other concepts and topics that will be discussed in Nutrition 2 will include eating disorders and digestion. Students will participate in kitchen labs as well as conduct research working in small groups.



Prerequisite: Successful completion of Nutrition 1

Weight: 1.0

Credit: 0.5

International Cuisine	Grades 9-12
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This course is devoted to discovering culinary differences around the world. Each unit will focus on a continent and the individual countries within that region. At the center of each unit will be the study of the climate, geography, history, people, and culture. Our discovery of the area will show how each aspect influences the culinary heritage. Students will participate in a variety of hands-on kitchen lab experiences to enhance their understanding of the region and cuisine. Students will work individually and in small groups to complete various project-based assessments.



Prerequisite: Successful Completion of Nutrition 1

Weight: 1.0

Credit: 0.5

US and Regional Cuisine	Grades 10-12
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This course is devoted to discovering the culinary differences throughout the US, Puerto Rico, and Canada. Each unit will represent a different area and encompass a study of the climate, geography, history, people. Students will discover how each aspect influences the culinary heritage of the region. Students will participate in a variety of hands-on kitchen lab experiences to enhance their understanding of the region and cuisine. Students will work individually and in small groups to complete various project-based assessments.



Prerequisite: Successful Completion of Nutrition 2

Weight: 1.0

Credit: 0.5

INTERNSHIPS AND APPRENTICESHIPS – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
8881	Career Internship	12	1.0	0.5

INTERNSHIPS AND APPRENTICESHIPS COURSE DESCRIPTIONS

Career Internship	Grade 12
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The Career Internship is intended to provide Columbia High School seniors with the opportunity to interact with, observe, assist, and work with a local business or professional organization. The job specific activities in which a student may participate or observe will be determined by the participating business or organization in cooperation with the student, caregivers, and school. No student may participate in activities that would be considered dangerous or inappropriate for his/her age level. The intent of the internship is to provide activities that will enable the student to make informed career decisions based on their experience, knowledge gained, and insights developed during their participation. Career Internship participants may be released from school during a block of their schedule if their schedule allows.

Important information

- The student is responsible for initiating and securing a career internship.
- Seniors applying for an internship must demonstrate a satisfactory attendance record, be passing all subjects and be a responsible citizen.
- Students must spend 60 hours participating in the internship.
- No grade will be awarded for the Career Internship, but credit will be noted on the transcript.
- Class rank will not be affected by the internship.

Steps to Implement Internship

2 weeks Prior to Semester 1 or Semester 2

- Student contacts businesses/organizations and arranges internship and obtains signatures on the *Internship Agreement*.
- Student submits Internship Agreement to School Counselor for approval
- School Counselor or Principal gives approval for internship (if internship is denied, a clear explanation will be provided to the student and caregiver)

During Internship

- Student completes *Internship Journal* at the mid and end point of the semester, including job site supervisor signature to verify attendance.
- Student submits the *Internship Evaluation Form* completed by the job site supervisor at the end of the Semester.

Prerequisite: Permission and approval from Principal, School Counselor, and Caregiver

Weight: 1.0

Credit: 0.5

MUSIC COURSES – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
701	Concert Choir	9-12	1.0	0.5
729	Guitar Class	9-12	1.0	0.5
719	Music Appreciation	9-12	1.0	0.5
730	Symphonic Band	9-12	1.0	0.5

MUSIC COURSE DESCRIPTIONS

Concert Choir	Grades 9-12
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This course is the study and performance of vocal music from the Renaissance period to the twentieth century. No audition is necessary to gain a position in the organization; singers in concert choir are placed in voice part based on an assessment in which the director listens to your range, tone quality, and pitch memory. Students can advance their skills in musicianship by performing quality literature, studying musical history, and exploring music theory. Musicians will be expected to perform alone and with others for the director for periodic assessments. Performance at all concerts is required.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Guitar Class	Grades 9-12
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Guitar class is designed for a beginning student who is interested in learning or improving their guitar skills. Students will develop a foundation of skills on the guitar including performance technique, the application of reading music notation with the guitar, and the ability to read and perform from guitar tablature. Students will also learn proper handling, tuning, and string maintenance necessary for guitar playing. Students will be expected to perform alone and with others for the director for periodic assessments. Performance at all concerts is required.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Music Appreciation	Grades 9-12
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This elective academic course is offered to those students interested in learning about music. Skills in music listening will be developed as students study music from an historical, cultural, and stylistic perspective, through reading, writing, and listening. We will explore some basic music reading and writing, and experience performance using Orff instruments, tone chimes, guitars, and world music drums. Previous musical training is helpful but not required.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Symphonic band is a course available to students who play a wind or percussion instrument. Daily rehearsal includes preparation of concert music and the development of playing technique on an individual and an ensemble basis. Students can advance their skills in musicianship by performing quality literature, studying musical history, and exploring advanced music theory. Musicians will be expected to perform alone and with others for the director for periodic assessments. Performance at all concerts is required.

Prerequisite: None

Weight: 1.0

Credit: 0.5

PHYSICAL EDUCATION AND HEALTH COURSES – MASTER COURSE LISTING

Required Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
657	Physical Education 9/Wellness	9	1.0	0.5
668	Physical Education 9 (online)	9-12	1.0	0.5
644	Wellness	9-12	1.0	0.5
656	Wellness (online)	9-12	1.0	0.5
658	Adaptive Physical Education 1 and 2	9-12	1.0	0.5

Elective Courses

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
660	Football Fundamentals and Basketball Theory and Fundamentals	10-12	1.0	0.5
661	Outdoor Education and Backyard Fitness	10-12	1.0	0.5
662	Team Sports and Net/Racket Sports	10-12	1.0	0.5
663	Weight Training and Advanced Techniques in Strength Training	10-12	1.0	0.5

PHYSICAL EDUCATION AND HEALTH COURSE DESCRIPTIONS

Physical Education 9/Wellness	Grade 9
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This is an activity-based class designed to address the state standards for 9th grade students. The four basic areas of the program are: individual and team sports with an emphasis on rules, skills, and strategy. Recreation sports and activities with an emphasis on activities for life-long physical fitness, and Physical fitness, where students will develop a base fitness level in the five areas of fitness that will prepare them for future elective Physical Education courses.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Physical Education 9 (online)	Grade 9-12
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This is an activity-based class designed to address the state standards for 9th grade students. The four basic areas of the program are: individual and team sports with an emphasis on rules, skills, and strategy. Recreation sports and activities with an emphasis on activities for life-long physical fitness, and Physical fitness, where students will develop a base fitness level in the five areas of fitness that will prepare them for future elective Physical Education courses. This course is conducted in an online environment.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Wellness	Grade 9-12
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This course is designed to teach students both the content and skills needed to make healthy and responsible decisions for a lifetime. Course material will cover identifying and defining components of wellness and health related fitness, responsible decision making and refusal skills, weight management, promoting healthy relationships, human sexuality and disease prevention, media influences on wellness related decisions, and drugs/alcohol/tobacco.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Wellness (online)	Grade 9-12
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This course is designed to teach students both the content and skills needed to make healthy and responsible decisions for a lifetime. Course material will cover identifying and defining components of wellness and health related fitness, responsible decision making and refusal skills, weight management, promoting healthy relationships, human sexuality and disease prevention, media influences on wellness related decisions, and drugs/alcohol/tobacco. This course is conducted in an online environment.

Prerequisite: None

Weight: 1.0

Credit: 0.5

Adaptive Physical Education 1 and 2	Grades 9-12
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This course is designed to support the individual physical education needs of specific special education students with recommended general education students. Approved students will work as partners and mentors alongside students with exceptional needs in a one-to-one ratio, if possible, to focus on fitness, team play, and individual skill goals. The student mentors/partners are expected to participate in all activities alongside their adaptive students.

Prerequisite: Recommendation from the IEP team

Weight: 1.0

Credit: 0.5

Football Fundamentals and Basketball Theory and Fundamentals	Grades 10-12
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Students will further their current knowledge of football, and units of instruction will include fundamental skill development, weight training, foot speed development, team, and situational play. Students will also further their current skill level and knowledge of basketball. It may serve as a foundation for the pursuit of interscholastic competition, recreational enjoyment, and coaching. Units of instruction for basketball will include history of the sport, nutrition, individual and team offense, individual and team defense, as well as the development of self-confidence in the sport.

Prerequisite: Successful completion of Physical Education 9 and Wellness

Weight: 1.0

Credit: 0.5

Outdoor Education and Backyard Fitness	Grades 10-12
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This course provides a comprehensive introduction to outdoor activities including hiking, camping, fishing, hunting, cooking outdoors, and survival skills. Students in this course will learn how to manage risks and safety outdoors, develop outdoor leadership skills, and learn to adventure outdoors without leaving a trace. Students will also learn the techniques and skills necessary to participate in recreational activities found at home or at community recreation areas. Activities may include ultimate frisbee, disc golf, slamball, canjam, cornhole, and geocaching. This course focuses on opportunities to learn activities that provide lifelong physical fitness.

Prerequisite: Successful completion of Physical Education 9 and Wellness

Weight: 1.0

Credit: 0.5

Team Sports and Net/Racket Sports	Grades 10-12
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Students will learn skills and strategies of team and net and racquet sports. This course will include daily skill instruction and implementation of those skills into a competitive game setting. Sports may include, but are not limited to: Dodgeball, soccer, ultimate frisbee, floor hockey, volleyball, handball, tennis, badminton, and pickleball. This course will also include daily cardiovascular fitness.

Prerequisite: Successful completion of Physical Education 9 and Wellness

Weight: 1.0

Credit: 0.5

Weight Training and Advanced Techniques in Strength Training	Grades 10-12
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Students will develop personal fitness through weight training, circuit training, core strengthening, and flexibility training. Students will be exposed to a variety of weight training and fitness programs that will enable them to discover which are best suited to their individual needs. Students will also be educated in proper lifting techniques, safety factors, and muscle development to make them capable of developing their own weight training/fitness program. Students will create personal strength training goals and a persona program that they will follow daily. Students will also be introduced to H.I.I.T. programs, plyometrics, and speed/agility training. This class will include a daily cardiovascular activity.

Prerequisite: Successful completion of Physical Education 9 and Wellness

Weight: 1.0

Credit: 0.5

WORLD LANGUAGE COURSES – MASTER COURSE LISTING

Course Number	Course Name	Grade Level(s)	Weight	Credit Value
440	Spanish 1	9-12	1.0	1.0
44	Honors Spanish 1	9-12	1.0	1.0
400	French 1 (online)	9-12	1.0	1.0
445	Spanish 2	10-12	1.0	1.0
447	Honors Spanish 2	10-12	1.0	1.0
441	Honors Spanish 3	10-12	1.0	1.0
442	Honors Spanish 4	10-12	1.0	1.0
405	French 2 (online)	10-12	1.0	1.0
410	French 3 (online)	10-12	1.0	1.0
416	French 4 (online)	10-12	1.0	1.0

WORLD LANGUAGE COURSE DESCRIPTIONS

Spanish 1	Grades 9-12
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In this course, students will begin to read, write, and speak in the Spanish language. This course will introduce Spanish vocabulary and grammar and explore unique cultures of several Spanish-speaking countries. Emphasis will be placed on pronunciation, use of vocabulary in daily conversation, reading and analyzing short passages of text, and writing basic sentences with vocabulary and grammar relevant to each unit.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Honors Spanish 1	Grades 9-12
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This course of study will progress at an advanced level and pace. In this course, students will begin to read, write, and speak in the Spanish language. This course will introduce and explore Spanish vocabulary and grammar as well as the unique cultures of several Spanish-speaking countries. Emphasis will be placed on accurate pronunciation, use of vocabulary in daily conversation, understanding spoken Spanish, reading and analyzing passages of text, and writing intermediate-level sentences with vocabulary and grammar relevant to each unit.



Prerequisite: 85% or higher in most recent Honors English course or 90% or higher in most recent CP English course and/or teacher recommendation

Weight: 1.1

Credit: 1.0

French 1 (online)	Grades 9-12
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In this course students begin to develop the skills of understanding, speaking, reading, and writing in French. Emphasis will be placed on pronunciation, use of vocabulary in daily conversation, reading and analyzing short passages and writing basic sentences with grammar and vocabulary relevant to each unit. Students will be expected to use target language as much as possible, but English will be used for clarification and explanation.



Prerequisite: None

Weight: 1.0

Credit: 1.0

Spanish 2	Grades 10-12
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In this course, students will read, listen to, write, and speak the Spanish language with more advanced grammar and a broader vocabulary. Students will continue their study of Hispanic cultures through web-based activities and projects. Emphasis will be placed on higher level grammar, improved speaking and listening skills, and reading and analyzing longer passages of text.



Prerequisite: Successful completion of Spanish 1

Weight: 1.0

Credit: 1.0

Honors Spanish 2	Grades 10-12
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This course of study will progress at an advanced level and pace. In this course, students will read, listen to, write, and speak the Spanish language with more advanced grammar and a broader vocabulary. Students will continue in-depth study of Hispanic cultures through web-based activities and projects. Emphasis will be placed on higher level grammar, improved speaking and listening skills, and reading and analyzing longer passages of text. Students will be expected to regularly practice conversational Spanish with their classmates in order to progress toward spontaneous interpersonal communication.



Prerequisite: 85% or higher in Honors Spanish 1 and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Honors Spanish 3	Grades 10-12
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In this course, students will continue to develop proficiency in reading, writing, listening to and speaking Spanish. Students will be expected maintain, perfect, and apply a working knowledge of the grammar and vocabulary that were learned in Spanish 1 and 2 through practice and memorization. Students will also further develop their understanding of the geography, history, and culture of Spanish-speaking countries through web-based projects, reading and research in both the target language and in English. This class is conducted in both English and Spanish.



Prerequisite: 85% or higher in Honors Spanish 2 or 90% or higher in Spanish 2 and/or teacher recommendation

Weight: 1.1

Credit: 1.0

Honors Spanish 4	Grades 10-12
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In this course students will be expected to have a strong working knowledge of the grammar and vocabulary from Spanish 1-3. Students will be required to have strong reading, writing, speaking, and listening skills. Some advanced grammar topics will be explored, but the majority of the course focuses on practical use of the target language. This includes, but is not limited to, discussions of current events, reading authentic texts, interpreting audiovisual materials, and advanced writing. This class is conducted primarily in Spanish.



Prerequisite: 85% or higher in Honors Spanish 3 and/or teacher recommendation

Weight: 1.1

Credit: 1.0

French 2 (online)	Grades 10-12
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In this course students will continue to develop their skills of understanding, speaking, reading, and writing in French. Students will continue their study of French culture through web-based activities and projects. Emphasis will be placed on higher level grammar, improved speaking and writing skills and reading and analyzing longer passages of text. Students and instructors will use the target language the majority of the time. English will be used for clarification as needed.



Prerequisite: Successful completion of French 1

Weight: 1.0

Credit: 1.0

French 3 (online)	Grades 10-12
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In this course students will develop their skills of understanding, speaking, reading, and writing in French. Students will continue to develop their reading skills by reading short novels in French, and will further develop their understanding in geography, history and culture of French-speaking cultures through web-based projects, reading and research in the target language, presentations in the target language and dramatic interpretations of passages of text. The course is primarily conducted in the target language.



Prerequisite: Successful completion of French 2

Weight: 1.0

Credit: 1.0

In this course students will be expected to have strong working knowledge of the grammar and vocabulary developed in French I-III. This course is primarily a literature course that will examine and interpret various readings in the target language. The course will also emphasize group discussion of text. Students will need to read, analyze and present and express their viewpoints in the target language. This course is conducted almost exclusively in the target language.



Prerequisite: Successful completion of French 3

Weight: 1.0

Credit: 1.0