

Columbia High School Crimson Tide Program of Studies 2017-2018



Columbia High School
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Columbia High School Administrative and Support Staff

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Administration Dr. Michael Smith, Principal	Administrative Support Staff Sarah Garner Deborah Nissley Sheila Elser
Student Services Alisa Hershey, School Counselor Carol Arena, Home-School Visitor	Student Services Support Staff Giselle Guzman
District Office Administration Dr. Robert Hollister, Superintendent Dr. Greg McGough, Director of Curriculum & Instruction Jen Zolenas, Director of Special Education	Athletic Director
Health Services Catherine Albright, Nurse	

Columbia High School Staff

English Language Arts James Clark Linda Eckman Wissler Scott Harvey Sheila Ayers Heidi Vaitl Michael White, Librarian	English as a Second Language Frances DeVaux
Mathematics Ryan Boccagno David Kemmick Robert Peterson Mark Wisler Melissa Sintef	Special Education Tanya Aston Barbara Clingenpeel Nichole Hayes Jill Kazmierczak
Social Studies Chris Black Brendan Forgotch Jessica Henry Jordan Higgins Chadd Ward	Art Rebecca Adams
Science Lindsay Garret Rebecca Ohrel James Rhoads	Technology Education Daniel Lingle Tom DeLallo Jere Hill
World Language Danielle Stoner Annika Dalemar	Physical Education and Wellness Jeremy Hilt Morgan Kibler
Family and Consumer Science Christa Sliger	Music Richard Jenson Daniel Stauffer
Alternative Education Program/Columbia Virtual Academy Jordan Higgins	Business Chris Black

COURSE SELECTION

Course selection is an important task that must be planned carefully by you and your parents. The subjects that you study in high school today will greatly influence the options you have in the future. Graduating from high school is a necessity in today's society. Many job opportunities are closed to the person without a high school diploma. 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 and talents.

As you choose your courses, keep in mind the following factors:

1. Your past school record
2. Your abilities and aptitudes
3. Your plans following high school graduation
4. Your career pathway

You should discuss these points with your parent or guardian before coming to a final decision. **Your parent must sign your course selection sheet prior to course selection in Sapphire.** Your school counselor and teachers will be glad to make recommendations or answer questions you may have. The final decision, however, must be yours because the foundation you are laying is the foundation for YOUR future. Careful, wise decisions will give you a solid foundation.

Every effort will be made to assign you to the courses you select. However, the administration reserves the right to assign students to alternate classes if the original choices cannot be scheduled or if courses are significantly under-enrolled and/or had to be dropped.

Please review the following pages carefully.

COURSE SELECTION PROCEDURES

1. The Counselor will meet with students to select courses. Explanations of the appropriate selection of programs and courses will be given at this time. The Counselor will clearly state the sequence of courses in each department. Students will select their courses, subject by subject, until their schedule is full with 8 credits. Students will also have the option to take Study Halls.
2. If the course selection process is not completed during the times that the Counselor meets with grade levels, the counselor will meet with the student individually to complete the schedule. If a student is unable to be reached, the Counselor will create the student's schedule.
3. In order to provide a better program for students, some required classes will be assigned by counselors. Teacher recommendation, test scores, and the student's achievement will determine these assignments.

4. Because the small size of our school population limits the number of sections offered for each course, certain combinations of courses may be impossible to schedule. Students should have alternatives in mind and be prepared to discuss these with the Counselor during individual appointments. The selection of alternates will be required for elective courses and should be carefully considered.
5. The following points should be considered when making course selections:
 - All students in grades 9, 10, 11, and 12 are required to schedule a minimum of seven (7) credits each year. Exceptions are made only if scheduling requirements restrict certain choices.
 - No credit is given for a quarter's work in a course scheduled for a semester without administrative approval.
 - If available, all World Language courses should be taken in a minimum of two-year sequences. Three-year or four-year sequences are recommended.

SCHEDULE CHANGE POLICY

School officials cannot properly plan schedules for teachers, students, and classrooms unless they know that student course selections are final and binding. Changes to first semester schedules must be completed prior to the start of the school year. Changes to second semester schedules must be made during the last five days of the first semester. After 5 days after a course has begun, no student-initiated schedule changes will be made unless accompanied by a schedule change request form filled out and signed as appropriate for one or more of the following reasons:

1. A change in educational needs
2. A student's inability to perform course requirements as determined by the teacher, counselor, or principal
3. A school-related error in the schedule

Schedule changes will only be considered once the following consent is obtained:

1. Pre-approval by the Principal
2. Approval of the Counselor
3. A consent form signed by parents/guardians at a scheduled parent meeting with the School Counselor
4. Final approval by the Principal

Schedule changes cannot be made if courses are already full.

BLOCK SCHEDULING

Columbia High School currently operates on a Block Schedule. With four block periods per semester, students may accumulate eight credits in a full year. Most electives are scheduled for half a block.

DUAL ENROLLMENT PROGRAM

At the parents'/guardians' expense, the Dual Enrollment Program allows students to take college-level courses and earn credits while still enrolled in High School. Columbia High School has partnerships with HACC and Millersville University. Students are able to take courses through HACC or Millersville online or go to the campus.

Students have the opportunity to take Dual Enrollment Courses through Thaddeus Stevens in English and Math, based on teacher recommendation. These courses will be offered at Columbia High School.

For more information about Dual Enrollment, see the School Counselor in Student Services.

EARLY ENROLLMENT PROGRAM – THADDEUS STEVENS

Seniors have the opportunity to apply to Thaddeus Stevens during their Junior Year to attend Thaddeus Stevens full day as a senior. Students should meet with the School Counselor or the College Advisor to see if this program is right for them. Students must be able to pass Thaddeus Stevens' entrance exam and be accepted to Thaddeus Stevens. Most students will not be able to participate in extra-curricular activities, unless approved by the Principal and the Director of Extra-Curricular Activities.

GRADUATION 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. No student may participate in graduation ceremonies prior to completing all the requirements for graduation. The following courses taken in grades 9 through 12 are required for graduation with credits indicated:

Courses	Number of Credits
English	4
Social Studies	4
Mathematics	4
Science	4
Health	0.5
Physical Education	1
Arts/Humanities	2
Career Choices 1 (9 th)	0.5
Career Choices 2 (10 th)	0.5
Speech (11 th)	0.5
Electives	5
Total to graduate:	26.0

Career & Technology Center (CTC) credit requirements are integrated into the CTC curriculum (graduation total remains the same for the school years indicated). CTC students will earn a maximum of 8 credits per year.

In addition to the graduation requirements listed above, the Columbia Borough School Board has also adopted the following three non-credit requirements for graduation from Columbia High School:

SENIOR PROJECT REQUIREMENT

The Senior Project requirement will be fulfilled in Career Choices 1 (9th Grade), Career Choices 2 (10th Grade), and Speech class (11th Grade). Students will complete and present documents from their Career Choices 10-Year Plan. Students will be required to complete an oral presentation during their Junior year in Speech. Students will receive Senior Project requirements from the Career Choices and Speech teachers with detailed instructions.

SERVICE LEARNING GRADUATION REQUIREMENT

Forty (40) hours of Service Learning are required of all Columbia High students as a prerequisite for graduation. Transfer students who have not accumulated service learning hours at other schools will be required to earn hours based on the number of years left until graduation. Transfer 9th Graders are required to have 40 hours, transfer 10th Graders are required to have 30 hours, transfer 11th graders are required to have 20 hours, and transfer 12th Graders are required to have a minimum of 10 hours.

Service Learning is defined as making a difference through actions of caring for others through personal contact, indirect service, or civic action, either in the school or in the community. It also includes offering time and energy to address a need without financial or material gain. The community service requirement is intended to help the students:

- *develop a sense of pride in themselves and the community*
- *develop a sense of responsibility to the school and to the organizations they represent*
- *develop a sense of the individual's importance to the community*
- *develop abilities and talents while serving the community and school*

Students are encouraged to begin their service learning hours in the seventh grade and to accumulate at least ten hours each year in grades seven through ten in order to achieve the required forty hours. A running total of service learning hours completed in grades seven through twelve will be indicated on quarterly report cards. The sign-off forms will be maintained in the Student Services Office as the official record until graduation.

KEYSTONE EXAMS/PROFICIENCY REQUIREMENT

To graduate from Columbia High School, students in the Class of 2019, 2020 and 2021 must score Proficient or Advanced on the Algebra, Literature, & Biology Keystone Exams. Students who do not score proficient on the Keystone Exams on their first attempt will receive remediation in Algebra 2, World Literature, and/or Ecology or Chemistry. Students will then attempt the Keystones a second time. If students do not score Proficient or Advanced the second time, students will be required to complete a Project Based Assessment (PBA) that is aligned with the modules for the Algebra 1, Biology, and Literature Keystone Exams. More information about the PBA will be shared with students and parents as they become available from the Pennsylvania Department of Education.

If students in the Class of 2018 have not scored Proficient or Advanced on the Literature or Algebra Keystone Exams, they will be required to score Proficient or Advanced (80% or above) on the Columbia High School Proficiency Exams as determined by the Columbia Borough School Board. During students' senior year, they will be pulled from class to receive remediation in

Literature and Algebra in order to score Proficient or Advanced on the Columbia High School Proficiency Exams.

If students in the Class of 2018 attend CTC or Thaddeus Stevens' Early Enrollment Program full day during their senior year, Columbia High School will work with CTC and Thaddeus Stevens to schedule remediation and complete the ALEKS program for Algebra and the Study Island program for Literature. Students may also complete these programs online at any time so that they do not get pulled from their programs for remediation.

- English Language Learners may demonstrate English proficiency through growth on the PDE required ELL assessment, the ACCESS. English Language Learners must demonstrate Math proficiency by scoring proficient on the Keystone Exams.
- Special Education students may demonstrate proficiency on Literature, Algebra, and Biology Keystone Exams if they have attempted to take each exam two times.

GRADE LEVEL OF STUDENTS

Each student's grade level is determined by the number of credits earned in accordance with the number of credits required for graduation. Homerooms will be based on the levels of credits earned from grades 9 through 12. Students must make up all failed required courses before proceeding to take more advanced courses. The number of credits needed to be considered for promotion is:

Grade Level	Minimum Credit Thresholds
10 th grade	7
11 th grade	13.5
12 th grade*	20
Required for graduation	26

*required for senior status

CREDIT RECOVERY

Credit Recovery provides an opportunity for a student to make up previously failed credit. Students who take a Credit Recovery course do so in order to make up credit due to failure of a course during the regular school term. **If the student plans to graduate with his/her class or attend a Career and Technology Center as a senior, Credit Recovery may be necessary for any required courses which the student failed.** An attempt will be made to reschedule a failed subject the following year for any student who fails a required subject and does not make up the credit through online coursework. **However, rescheduling the failed subject is not guaranteed.**

Credit Recovery information is available in Student Services. Online course work is available through Columbia Virtual Academy for a fee. Students are encouraged to see their School Counselor to explore options for make-up or advanced credit.

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 about \$70 or 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 parents and students annually during informational sessions at Columbia High School.

TRADITIONAL PROGRAM

Students who plan to continue their education at a post-secondary institution other than a four-year college should choose this program unless a more rigorous pathway is indicated due to career choice. This includes either the military service or a diploma or degree program at a technical, business, community college, or nursing school. Students who plan to enter the workforce directly after graduating from high school also should choose this program. Also, students who plan to incorporate a rigorous CTC course into their plans should choose this program.

In order for students to move to College Prep courses, students must earn a 90% in traditional courses.

SCOPE AND SEQUENCE – SAMPLE COURSE PLAN

Grade 9	Grade 10	Grade 11	Grade 12
English 9	American Literature	World Literature	British Literature
Pre-Algebra Algebra 1A	Algebra 1B	Algebra 2	Geometry
General Science	Biology 1A Biology 1B	Electives	Electives
US History	World History	American Political Systems	Two 0.5 credit Social Studies Electives
Career Choices	Career Choices 2	Speech	
Physical Education 1	Physical Education 1 Health	Physical Education 2	Physical Education 2
Electives	Electives	Electives	Electives
		1/2 day CTC is an option for 11 th Graders	FULL DAY CTC is an option for 12 th Graders

COLLEGE PREPARATORY (CP) PROGRAM

Students who plan to continue their education at a four-year college should choose this program. Also, students who plan to incorporate a rigorous CTC course into their plans should choose this program. Students who are undecided about further education but who have the ability to do the required work also should consider this program.

In order for students to remain in College Prep courses, students must earn a 75%. In order for students to move to Honors courses, students must earn a 90% in College Prep courses.

SCOPE AND SEQUENCE – SAMPLE COURSE PLAN

Grade 9	Grade 10	Grade 11	Grade 12
CP English 9	CP American Literature	CP World Literature	CP British Literature
Algebra 1A Algebra 1B	CP Algebra 2	CP Geometry	College Algebra and Trigonometry and/or Statistics
CP General Science	Biology 1A Biology 1B	Chemistry	Electives
CP US History	CP World History	CP American Political Systems	Two 0.5 credit Social Studies Electives
Career Choices 1	Career Choices 2	Speech	
Physical Education 1	Physical Education 1 Health	Physical Education 2	Physical Education 2
Electives	Electives	Electives	Electives

HONORS PROGRAM

This course of study progresses at an advanced level. All Honors courses are weighted with a 1.1 weight. Students who plan to continue their education at a four-year college should choose this program.

In order for students to remain in Honors courses, students must earn an 80%.

SCOPE AND SEQUENCE – SAMPLE COURSE PLAN

Grade 9	Grade 10	Grade 11	Grade 12
Honors English 9**	Honors American Literature**	Honors World Literature**	Honors British Literature**
Honors Algebra	Honors Algebra 2	Honors Geometry	Honors Trigonometry and Pre-Calculus, Honors Calculus, and/or Statistics
Honors General Science	Honors Biology	Honors Chemistry	Honors Biology 2, Honors Chemistry 2, or Honors Physics
CP US History	CP World History	Honors American Political Systems	Two 0.5 credit Social Studies Electives
Career Choices 1	Career Choices 2	Speech	
Physical Education 1	Physical Education 1 Health	Physical Education 2	Physical Education 2
Electives	Electives	Electives	Electives

****Summer reading is required for Honors English courses.**

MATHEMATICS COURSES - MASTER COURSE LISTING

Course Number	Course	Weight	Credit Value
0625	Pre-Algebra	1.0	1.0
0631	Algebra 1A	1.0	1.0
0632	Algebra 1B	1.0	1.0
0421	Learning Support Algebra 1A	1.0	1.0
0422	Learning support Algebra 1B	1.0	1.0
0423	Supplemental LS/ES Algebra 1A	1.0	1.0
0424	Supplemental LS/ES Algebra 1B	1.0	1.0
0634	Honors Algebra I	1.1	1.0
0640	Algebra II	1.0	1.0
0609	CP Algebra II	1.0	1.0
0610	Honors Algebra II	1.1	1.0
0633	Geometry	1.0	1.0
0638	Supplemental LS/ES Geometry	1.0	1.0
0636	CP Geometry	1.0	1.0
0637	Honors Geometry	1.1	1.0
0639	Supplemental LS/ES Consumer Math	1.0	1.0
0617	College Algebra with Trigonometry	1.0	1.0
0615	Honors Trigonometry and Pre- Calculus	1.0	1.0
0614	Statistics	1.0	1.0
0616	Honors Calculus	1.1	1.0
0333	SAT Prep Math	1.0	0.5

MATHEMATICS COURSES

PRE-ALGEBRA

Grade 9

This course is designed for students who need to develop Pre-Algebra skills. Topics include Algebra and integers, rational numbers, and applying Algebra to Geometry, linear equations, inequalities, systems of equations, functions, and extending Algebra to Statistics and polynomials.

Credit: 1.0

Prerequisites: None

Weight: 1.0

ALGEBRA IA

Grade 9

This course focuses on algebraic properties and operations. Topics covered include operations and properties of real numbers, solving equations and inequalities, percents, proportions, functions and formulas, graphing linear equations and inequalities, and applying skills to real world problems. Graphing calculators will be used to develop and reinforce algebraic concepts. **This course prepares students to take the Keystone Algebra 1.**

Credit: 1.0

Prerequisites: Math 8 and/or Pre-Algebra

Weight: 1.0

ALGEBRA IB

Grade 9 or 10

This course focuses on algebraic properties and operations. Topics covered include data analysis and statistics, systems of equations and inequalities, exponential functions, polynomials and factoring, quadratic equations and functions, radical expressions, rational expressions, and applying skills to real world problems. Graphing calculators will be used to develop and reinforce algebraic concepts. **This course prepares students to take the Keystone Algebra 1.**

Credit: 1

Prerequisite: Algebra IA

Weight: 1.0

LEARNING SUPPORT ALGEBRA IA

Grade 9

The student must have a current Individual Education Plan to enroll in this class and be recommended by the special education team. The course will follow the regular Algebra 1 Curriculum with needed accommodations/adaptations and be spread out over two semesters. Individual support will also be provided. This course focuses on algebraic properties and operations. Topics covered include operations and properties of real numbers, solving equations and inequalities, percents, proportions, functions and formulas, graphing linear equations and inequalities, and applying skills to real world problems. Graphing calculators will be used to develop and reinforce algebraic concepts. **This course prepares students to take the Keystone Algebra 1.**

Credit: 1

Prerequisite: Recommendations by the Special Education team

Weight: 1.0

LEARNING SUPPORT ALGEBRA IB

Grade 9

The student must have a current Individual Education Plan to enroll in this class and be recommended by the special education team. The course will follow the regular Algebra Curriculum with needed accommodations/adaptations and be spread out over two semesters. Individual support will also be provided.

This course focuses on algebraic properties and operations. Topics covered include data analysis and statistics, systems of equations and inequalities, exponential functions, polynomials and factoring, quadratic equations and functions, radical expressions, rational expressions, and applying skills to real world problems. Graphing calculators will be used to develop and reinforce algebraic concepts. **This course prepares students to take the Keystone Algebra 1.**

Credit: 1

Prerequisites: LS Algebra IA or Algebra IA and recommendation by Special Education team

Weight: 1.0

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ALGEBRA IA

Grade 9

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. The course will follow the regular math curriculum with needed accommodations and adaptations to meet the student's individual needs. The

course will focus on algebraic properties and operations. The course prepares students to take the Keystone Algebra I state test.

Credit: 1

Prerequisite: Recommendation by the Special Education team

Weight: 1.0

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ALGEBRA IB

Grade 9

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. The course will follow the regular math curriculum with needed accommodations and adaptations to meet the student's individual needs. The course will focus on algebraic properties and operations. The course prepares students to take the Keystone Algebra I state test.

Credit: 1

Prerequisite: Recommendation by the Special Education team

Weight: 1.0

HONORS ALGEBRA I

Grade 9

This course of student will progress at an advanced level. It will focus on algebraic properties and operations. Topics covered include linear equations and inequalities, systems of equations and inequalities, graphing functions, polynomials, data analysis, focus on functions and applying skills to real world problems. Graphing calculators will be used to develop and reinforce algebraic concepts. **This course prepares students to take the Keystone Algebra 1.**

Credit: 1

Prerequisite: 90% or higher in 8th grade math

Weight: 1.1

ALGEBRA II

Grade 10

This course of study will include coverage of the following topics: 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. Appropriate technology, from manipulatives to graphing calculators, will be used regularly. A review of Algebra I topics for the Algebra Keystone Exam will be included in this course.

Credit: 1

Prerequisite: Algebra IA and Algebra 1B

Weight: 1.0

CP ALGEBRA II

Grade 10

This college preparatory course of study will include coverage of the following advanced topics: 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. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: Algebra IB with a 75% or higher

Weight: 1.0

HONORS ALGEBRA II

Grade 10

This course of study will progress at an advanced level. Topics 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. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: Honors Algebra I with an 80% or higher, Algebra 1B with a 90% or higher

Weight: 1.1

LS ALGEBRA 2A

Grade 10

The student must have a current Individual Education Plan to enroll in this class and be recommended by the Special Education team. The course will follow the regular Algebra Curriculum with needed accommodations/adaptations and be spread out over two semesters. Individual support will also be provided. This course of study will include coverage of the following topics: 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. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: LS Algebra IA

Weight: 1.0

LS ALGEBRA 2B

Grade 10

The student must have a current Individual Education Plan to enroll in this class and be recommended by the Special Education team. The course will follow the regular Algebra Curriculum with needed accommodations/adaptations and be spread out over two semesters. Individual support will also be provided. This course of study will include coverage of the following topics: 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. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: LS Algebra 2A

Weight: 1.0

GEOMETRY

Grade 11

The components of this course are basic geometry terminology and theorems, circles, coordinate geometry, geometric reasoning and logic, measurements of two and three dimensional figures, parallel and perpendicular lines, triangles and their properties, right triangle trigonometry, polygons and quadrilaterals, geometric probability, and congruence and similarity. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: Algebra II

Weight: 1.0

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT GEOMETRY

Grade 11

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. The course will follow the regular math curriculum with needed accommodations and adaptations to meet the student's individual need. This course will review algebraic concepts and focus on basic geometry concepts.

Credit: 1

Prerequisites: None

Weight: 1.0

CP GEOMETRY

Grade 11

This college preparatory course of study include coverage of the following topics: Advanced geometry terminology and theorems, circles, coordinate geometry, geometric reasoning and logic, measurements of two and three dimensional figures, parallel and perpendicular lines, triangles and their properties, right triangle trigonometry, polygons and quadrilaterals, geometric probability, and congruence and similarity. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: Algebra II with a 90% or higher or CP Algebra II with a 75% or higher

Weight: 1.0

HONORS GEOMETRY

Grade 11

This course of study will progress at an advanced level. The components of this course are advanced geometry terminology and theorems, circles, coordinate geometry, geometric reasoning and logic, measurements of two and three dimensional figures, parallel and perpendicular lines, triangles and their properties, right triangle trigonometry, polygons and quadrilaterals, geometric probability, and congruence and similarity. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisite: CP Geometry with a 90% or higher or Honors Algebra II with an 80% or higher

Weight: 1.1

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT CONSUMER MATHEMATICS

Grade 11 & 12

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. This course will review algebraic and geometry concepts. The course will focus on applying basic math skills to become a wise consumer.

Credit: 1

Prerequisites: None

Weight: 1.0

COLLEGE ALGEBRA WITH TRIGONOMETRY

Grade 12

This college preparatory class of study will include a rigorous review of basic algebra, an introduction to the fundamentals of trigonometry, including trigonometric equations and

identities, and an introduction to elementary statistical methods and probability. Statistical and algebraic concepts will be integrated into the course. Graphing calculators and other technology will be used regularly to plot functions and explore relationships between equations and their graphs, to simulate experiments, and to analyze data.

Credit: 1

Prerequisites: Algebra II and Geometry

Weight: 1.0

HONORS TRIGONOMETRY AND PRE-CALCULUS

Grade 12

This course of study will progress at an advanced level. A student taking this course will study analytic geometry, functions, data analysis and probability, exponential and logistics functions, trigonometric functions, logarithmic functions, parametric and polar equations, polynomial and rational equations, inequalities, angles, trigonometric functions, fundamental trigonometric identities and trigonometric equations, vectors, techniques of proof, and sequences and series. Appropriate technology, from manipulatives to graphing calculators, will be used regularly.

Credit: 1

Prerequisites: Geometry and Algebra II with a 90% or higher or Honors Geometry and Honors Algebra II with an 80% or higher

Weight: 1.1

STATISTICS

Grade 12

This course will cover descriptive statistics, probability, 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 within 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.**

Credit: 1

Prerequisites: Algebra II and Geometry

Weight: 1.0

HONORS CALCULUS

Grade 12

This course of study will progress at an advanced level. A student taking this course will study differential calculus, integral calculus and analytic geometry. The student will be expected to complete daily homework problems and reading assignments. Appropriate technology, from manipulatives to graphing calculators, will be used regularly. **This course prepares students to take the SAT or ACT and college-level math.**

Credit: 1

Prerequisites: Honors Trigonometry and Pre-Calculus with an 80% or higher

Weight: 1.1

SAT PREP MATH

Grade 11 & 12

This SAT math course is designed to provide students with maximum exposure to the concepts that appear on the SAT math test. The course will focus on the following math topics: arithmetic, algebra, functions, geometry, and data analysis. The course will improve a student's ability to reason quantitatively, solve mathematical problems, interpret data presented in graphical form, and learn test-taking strategies.

Credit: 0.5

Prerequisite: Algebra II

Weight: 1.0

SCIENCE COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0801	General Science	1.0	1.0
0803	CP General Science	1.0	1.0
0804	Honors General Science	1.1	1.0
0811	Biology 1A	1.0	1.0
0812	Biology 1B	1.0	1.0
0807	Honors Biology	1.1	1.0
0821	Chemistry	1.0	1.0
0822	Honors Chemistry	1.1	1.0
0839	Ecology	1.0	0.5
0824	STEM Quest	1.0	0.5
0816	Honors Biology II	1.1	1.0
0829	Honors Chemistry II	1.1	1.0
0831	Honors Physics	1.1	1.0
2007	Current Science	1.0	0.5
0826	Forensics	1.0	0.5
0827	Marine Biology	1.0	0.5
0828	Taxonomy and Classification	1.0	0.5
0833	LS/ES Biology 1A	1.0	1.0
0834	LS/ES Biology 1B	1.0	1.0
0835	LS/ES General Science	1.0	1.0
0836	LS/ES Environmental Science	1.0	1.0

SCIENCE COURSES

GENERAL SCIENCE

Grade 9

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.

Credit: 1

Prerequisite: 8th grade Earth Science

Weight: 1.0

CP GENERAL SCIENCE

Grade 9

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. In addition, completion of a Science Fair project will be required.

Credit: 1

Prerequisite: 8th grade Earth Science with a 75% or higher

Weight: 1.0

HONORS GENERAL SCIENCE

Grade 9

This course 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. In addition a Science Fair project will be required to be completed.

Credit: 1

Prerequisite: 8th grade Earth Science with a 90% or higher

Weight: 1.1

BIOLOGY 1A
Grade 10

Students will focus on the first four key concepts required to prepare them for the Biology Keystone exams. Topics include basic biological principles, chemical basis for life, bioenergetics and homeostasis and transport. Related reading, writing, and lab assignments will be coordinated for each topic.

Credit: 1
Prerequisite: General Science
Weight: 1.0

BIOLOGY 1B
Grade 10

Students will focus on the second four key concepts required to prepare them for the Biology Keystone exams. Topics include cell growth and reproduction, genetics, theory of evolution, and ecology. Related reading, writing, and lab assignments will be coordinated for each topic.

Credit: 1
Prerequisite: Biology 1A
Weight: 1.0

HONORS BIOLOGY
Grade 10

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. In addition, completion of a science fair project is required.

Credit: 1
Prerequisite: Honors General Science with an 80% or higher or CP General Science with a 90% or higher
Weight: 1.1

CHEMISTRY
Grade 11-12

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 student experiments, teacher demonstrations, class lectures, and group work. Students in this course will require students to complete a Science Fair project in which they will need to develop an experimental design, conduct the experiment and complete a written paper to analyze data.

Credit: 1

Prerequisites: Biology with a 75% or higher and Algebra 1B with a 75% or higher

Weight: 1.0

HONORS CHEMISTRY
Grade 11-12

This course of study will progress at an advanced level. 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 student experiments, student lead class lectures, and inquiry based work. Completion of a Science Fair project is required in which they will need to develop an experimental design, conduct the experiment and complete a written paper to analyze data.

Credit: 1

Prerequisite: Honors Biology with an 80% or higher

Weight: 1.1

ECOLOGY
Grade 9-10

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 Humans 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.

Credit: 0.5

Prerequisite: 8th Grade Science

Weight: 1.0

STEM QUEST

Grade 9 – 10

This course will be an investigative project-based course that will develop competent critical thinkers that will incorporate science, technology, engineering, and math to solve hands-on, real world problems. Topics include building for earthquakes and space vehicles, designing prosthetics, rollercoasters, water purification systems and ecofriendly dams.

Credit: 0.5

Prerequisites: 8th Grade Science with a 75% or higher

Weight: 1.0

HONORS BIOLOGY II

Grade 12

This course of study will progress at an advanced level. Biology II is a laboratory-based science designed for any student interested in post-secondary study in any area of the biological sciences. 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.

Credit: 1

Prerequisites: Honors Biology with an 80% or higher and Honors Chemistry with an 80% or higher

Weight: 1.1

HONORS CHEMISTRY II

Grade 12

This course of study will progress at an advanced level. Chemistry II 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 Chemistry I with an emphasis on laboratory skills for each subject area. Subjects include stoichiometry, ionic and molecular compounds, organic chemistry, nuclear chemistry, and types of reactions. Each subject area will include at least one lab and require a lab report.

Credit: 1

Prerequisites: Honors Biology with an 80% or higher and Honors Chemistry with an 80% or higher

Weight: 1.1

HONORS PHYSICS

Grade 12

This course of study will progress at an advanced level. Physics is the study of matter and energy and the interaction between them. This class is a laboratory-based science designed for students interested in continuing post-secondary study in any area of science or engineering. Topics of study for this course include kinematics, energy and work, electricity, waves, and magnetism. Each subject area will include at least one lab and require a lab report.

Credit: 1

Prerequisites: Honors Chemistry with an 80% or higher and Honors Algebra II with an 80% or higher

Weight: 1.1

CURRENT SCIENCE

Grade 9 - 12

This course will be a project-based course in which students will be introduced into 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.

Credit: 0.5

Prerequisite: 8th Grade Science

Weight: 1.0

FORENSICS

Grade 11 – 12

Forensic Science is any science used for the purposes of the law, and provides impartial scientific evidence for use in criminal investigations and trial. 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.

Credit: 0.5

Prerequisite: Biology with a 75% or higher

Weight: 1.0

MARINE BIOLOGY

Grade 11 – 12

Marine Biology is the scientific study of organisms that lives 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.

Credit: 0.5

Prerequisite: Biology with a 75% or higher

Weight: 1.0

TAXONOMY AND CLASSIFICATION

Grade 11 - 12

Classification helps scientists place organisms with similar characteristics such as structure, genes, metabolic pathways and structural proteins together. Taxonomy is the study of naming the organisms based on these similarities. In this course we 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.

Credit: 0.5

Prerequisite: Biology with a 75% or higher

Weight: 1.0

LEARNING SUPPORT/EMOTIONAL SUPPORT BIOLOGY IA:

Grade 9 & 10

Odd Years

This course is for LS/ES Supplemental IEP students. Students will study biological concepts and principles they will encounter in their personal life and careers. Topics will include but are not limited to problem-solving and writing skills. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP students.

Credit: 1.0

Prerequisite: None

Weight: 1.0

LEARNING SUPPORT/EMOTIONAL SUPPORT BIOLOGY IB:**Grade 9 & 10****Even Years**

This course is for LS/ES Supplemental IEP students. Students will study biological concepts and principles they will encounter in their personal life and careers. Topics will include but are not limited to problem-solving and writing skills. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP students.

Credit: 1.0

Prerequisite: None

Weight: 1.0

LEARNING SUPPORT/EMOTIONAL SUPPORT GENERAL SCIENCE:**Grade 11 & 12****Odd Years**

This course is for LS/ES Supplemental IEP students. This course will focus on the structure and properties of matter, chemical reactions, forces and motion, waves and energy. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP students.

Credit: 1.0

Prerequisites: None

Weight: 1.0

LEARNING SUPPORT/EMOTIONAL SUPPORT ENVIRONMENTAL SCIENCE:**Grade 11 & 12****Even Years**

This course is for LS/ES Supplemental IEP students. This course will focus on the world's natural processes and systems in Ecology. Students will investigate the use of the natural world and the resources it provides. Students will consider the complexity of human interactions with the environment. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP students.

Credit: 1.0

Prerequisite: None

Weight: 1.0

SOCIAL STUDIES COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0910	Modern United States History	1.0	1.0
0915	CP Modern Unites States History	1.0	1.0
0901	Modern World History	1.0	1.0
0906	CP Modern World History	1.0	1.0
0907	Honors Modern World History	1.1	1.0
0933	American Political Systems (APS)	1.0	1.0
0932	CP American Political Systems (APS)	1.0	1.0
0934	Honors American Political Systems (Honors APS)	1.1	1.0
0949	Foundations of Geography – Africa	1.0	0.5
0958	Foundations of Geography – Asia	1.0	0.5
0948	Foundations of Geography – Europe	1.0	0.5
0947	Foundations of Geography – North America	1.0	0.5
0951	Foundations of Geography – South America	1.0	0.5
0946	Contemporary Issues	1.0	0.5
0922	Comparative History and Film	1.0	0.5
0940	Psychology	1.0	0.5
0945	Street Law	1.0	0.5
0942	Economics	1.0	0.5
0952	Supplemental LS/ES Modern US History 1A	1.0	1.0
0953	Supplemental LS/ES Modern US History 1B	1.0	1.0
0954	Supplemental LS/ES Modern World History	1.0	1.0
0960	Supplemental LS/ES American Political Systems (LS/ES APS)	1.0	1.0

SOCIAL STUDIES COURSES

MODERN UNITED STATES HISTORY

Grade 9

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 understandings of Pennsylvania and local history.

Credit: 1

Prerequisite: 8th Grade Social Studies

Weight: 1.0

CP MODERN UNITED STATES HISTORY

Grade 9

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 understandings of Pennsylvania and local history. College Preparatory 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.

Credit: 1

Prerequisite: 8th Grade Social Studies with a 75% or higher

Weight: 1.0

MODERN WORLD HISTORY

Grade 10

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.

Credit: 1

Prerequisite: Modern US History

Weight: 1.0

CP MODERN WORLD HISTORY

Grade 10

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. College Preparatory students will access the same historical information as Modern World 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.

Credit: 1

Prerequisite: Modern US History with a 90% or higher or CP Modern US History with a 75% or higher

Weight: 1.0

HONORS MODERN WORLD HISTORY

Grade 10

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. Honors students will cover the same content as in CP Modern World History but with far more depth and analysis, selection of text, writing requirements, historical analysis and meeting summer reading requirements.

Credit: 1

Prerequisites: CP Modern US History with a 90% or higher and summer reading or Honors US History with an 80% or higher

Weight: 1.1

AMERICAN POLITICAL SYSTEMS (APS)

Grade 11

American Political Systems (APS) 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 types of government and economic systems.

Credit: 1

Prerequisites: Modern US History and Modern World History

Weight: 1.0

CP AMERICAN POLITICAL SYSTEMS (CP APS)

Grade 11

American Political Systems (APS) 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 types of government and economic systems. College Preparatory students will access the same content information as American Political Systems, 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.

Credit: 1

Prerequisites: CP Modern US History and CP World History with a 75% or higher or World History with a 90% or higher

Weight: 1.0

HONORS AMERICAN POLITICAL SYSTEMS (HONORS APS)

Grade 11

This course of study will progress at an advanced level. American Political Systems (APS) 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 types of government and economic systems. Honors students will cover the same content as a CP student in American Political Systems but with far more depth and analysis. Honor students will meet expectations that far exceed those of a CP student in terms of selection of text, writing requirements, historical analysis and meeting summer reading requirements.

Credit: 1

Prerequisites: CP Modern US History and CP World History with a 90% or higher or Honors World History with an 80% or higher

Weight: 1.1

FOUNDATIONS OF GEOGRAPHY – AFRICA

Grade 9-12

Odd Years

This course is a global survey of one of the world's major geographic realms: their physical environments, cultures and economies; their 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!

Credit: 0.5

Prerequisite: None

Weight: 1.0

FOUNDATIONS OF GEOGRAPHY – ASIA

Grade 9-12

Odd Years

This course is a global survey of one of the world's major geographic realms: their physical environments, cultures and economies; their 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!

Credit: 0.5

Prerequisite: None

Weight: 1.0

FOUNDATIONS OF GEOGRAPHY – EUROPE

Grade 9-12

Even Years

This course is a global survey of one of the world's major geographic realms: their physical environments, cultures and economies; their 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!

Credit: 0.5
Prerequisite: None
Weight: 1.0

FOUNDATIONS OF GEOGRAPHY – NORTH AMERICA

Grade 9-12

Even Years

This course is a global survey of one of the world's major geographic realms: their physical environments, cultures and economies; their 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!

Credit: 0.5
Prerequisite: None
Weight: 1.0

FOUNDATIONS OF GEOGRAPHY – SOUTH AMERICA

Grade 9-12

Odd Years

This course is a global survey of one of the world's major geographic realms: their physical environments, cultures and economies; their 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!

Credit: 0.5
Prerequisite: None
Weight: 1.0

CONTEMPORARY ISSUES

Grade 10-12

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.

Credit: 0.5

Prerequisites: None

Weight: 1.0

COMPARATIVE HISTORY AND FILM

Grade 10-12

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 be 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.

Credit: 0.5

Prerequisite: Modern US History

Weight: 1.0

PSYCHOLOGY

Grade 11 & 12

The purpose of this course is to introduce students to the study of psychology. This course will include an introduction to methods of the discipline, biopsychology, developmental theories, cognitive studies, as well as variations in individual and group behavior. Students will need strong reading, writing and analytical skills.

Credit: 0.5

Prerequisite: None

Weight: 1.0

SOCIOLOGY

Grade 11 & 12

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.

Credit: 0.5
Prerequisite: None
Weight: 1.0

STREET LAW
Grade 11 & 12
Even Years

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. Students will evaluate the principles and ideals of civic life; including liberty, freedom, democracy, justice, and responsibilities of the individual. Resource people such as lawyers, police officers will be guest speakers. The course includes case studies, mock trials, role playing, small group exercises, and visual analysis activities. Students will need strong reading, writing, and analytical skills.

Credit: 0.5
Prerequisites: Modern U.S. History and Modern World History
Weight: 1.0

ECONOMICS
Grade 12
Even Years

The purpose of this course is to introduce students to the study of economics at the macro and micro levels. Students will be responsible for understanding the concepts of economic scarcity and choice, basic operations of markets and economic systems, the role/functions of government as it relates to economic activity. Students will explore the realms of economic interdependence, income, profits, wealth, and how they relate to and affect daily life. Students will need strong reading, writing, mathematical and analytical skills.

Credit: 0.5
Prerequisite: None
Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT MODERN US HISTORY IA:
Grade 9 & 10
Odd Years**

This course is for LS/ES Supplemental IEP students. This course will cover United States History from the Progressive Era to the present (1900- present day). Emphasis will be placed on historical 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. Course will include modifications, adaptations and follow a pace to meet the needs of supplemental IEP students.

Credit: 1.0
Prerequisite: None
Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT MODERN US HISTORY IB:
Grade 9 & 10
Even Years**

This course is for LS/ES Supplemental IEP students. This course is a continuation of LS/ES Modern US History IA, with modifications, adaptations and a pace to meet the needs of supplemental IEP students.

Credit: 1.0
Prerequisite: None
Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT MODERN WORLD HISTORY:
Grade 11 & 12
Odd Years**

This course is for LS/ES Supplemental IEP students. Students will cover the time from 1450-present and take a Eurocentric perspective of global history: Renaissance to Present day. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP student.

Credit: 1.0
Prerequisites: None
Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT AMERICAN POLITICAL SYSTEMS
(APS):**

Grade 11 & 12

Even Years

This course is for LS/ES Supplemental IEP students. This course examines continuity and change among the three branches of government at the national, state and local levels. Students will compare and contrast various types of government and economic systems. The assignments will be modified, adapted and presented at a pace for the Supplemental IEP student.

Credit: 1.0

Prerequisite: None

Weight: 1.0

ENGLISH COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0300	English 9	1.0	1.0
0305	CP English 9	1.0	1.0
0308	Honors English 9	1.1	1.0
0019	Learning Support English 9	1.0	1.0
0296	American Literature (English 10)	1.0	1.0
0297	CP American Literature (English 10)	1.0	1.0
0298	Honors American Literature (English 10)	1.1	1.0
0167	Learning Support American Literature (English 10)	1.0	1.0
0299	World Literature (English 11)	1.0	1.0
0338	CP World Literature (English 11)	1.0	1.0
0339	Honors World Literature (English 11)	1.1	1.0
0168	Learning Support World Literature (English 11)	1.0	1.0
0304	British Literature (English 12)	1.0	1.0
0314	CP British Literature (English 12)	1.0	1.0
0329	Honors British Literature (English 12)	1.1	1.0
0334	Learning Support British Literature (English 12)	1.0	1.0
2015	Classical Mythology	1.0	0.5
0363	Film as Literature	1.0	0.5
0340	Speech	1.0	0.5
0367	World Mythology	1.0	0.5
0070 – A 0170 – B	English 1	1.0	1.0
0071 – A 01771 – B	English 2	1.0	1.0
0072 – A 0172 – B	English 3	1.0	1.0
0073 – A 0173 – B	English 4	1.0	1.0
0074 – A 0174 – B	English 5	1.0	1.0
0075 – A 0175 – B	English 6	1.0	1.0
9907	Supplemental LS/ES English I	1.0	1.0
9908	Supplemental LS/ES English II	1.0	1.0
9909	Supplemental LS/ES English III	1.0	1.0
9910	Supplemental LS/ES English IV	1.0	1.0

ENGLISH COURSES

ENGLISH 9

Grade 9

This overview of literature will provide a solid foundation for the comprehension and analysis of literature and literary nonfiction. Comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be covered in detail. Writing and revising informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language will be covered. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.

Credit: 1

Prerequisite: 8th grade English

Weight: 1.0

CP ENGLISH 9

Grade 9

Study of literature and composition designed for delivery to college preparatory students. This overview of literature will provide a solid foundation for the comprehension of literature and literary nonfiction as well as for written analysis of such texts. Comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be covered in detail. Writing informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language will be covered. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.

Credit: 1

Prerequisite: 8th grade English with a 75% or higher

Weight: 1.0

HONORS ENGLISH 9

Grade 9

This course of study will progress at an advanced level. Study of literature and composition designed for delivery to college preparatory students. This overview of literature will provide a solid foundation for the comprehension of literature and literary nonfiction as well as for written analysis of such texts. Comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be covered in detail. Writing informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language will be covered. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application. Students in the course will be expected to explore additional content and complete extended assignments. Assessments will reflect the advanced degree of honors level work.

Credit: 1

Prerequisite: 8th grade English with a 90% or higher and completion of summer reading

Weight: 1.1

LEARNING SUPPORT ENGLISH 9

Grade 9

Study of literature and composition designed for the delivery of Itinerant Learning Support students within a small group setting. This overview of literature will provide a solid foundation for the comprehension and analysis of both fiction and nonfiction literature. The writing process, implementation of higher level vocabulary and conventions will be practiced as students produce written informative, argumentative and narrative essays and reports. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing and application.

Credit: 1

Prerequisite: 8th grade LS English

Weight: 1.0

AMERICAN LITERATURE

Grade 10

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.

Credit: 1

Prerequisite: 9th grade English

Weight: 1.0

CP AMERICAN LITERATURE

Grade 10

Study of American Literature designed for delivery to college preparatory students. 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. 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.

Credit: 1

Prerequisite: CP English 9 with a 75% or higher or English 9 with a 90% or higher
Weight: 1.0

HONORS AMERICAN LITERATURE

Grade 10

This course of study will progress at an advanced level. Study of American Literature designed for delivery to college preparatory students. This overview course of American Literature will place a strong emphasis on comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be expanded upon as it relates to the Keystone Literature Exam. 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 within the MLA format. Skills will be developed through homework, writing and speaking assignments, and class participation. Students in the course will be expected to meet all the requirements of CP 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.

Credit: 1

Prerequisites: Honors English 9 with an 80% or higher or CP English 9 with a 90% or higher and completion of summer reading assignment
Weight: 1.1

LEARNING SUPPORT AMERICAN LITERATURE

Grade 10

Study of American Literature designed for delivery to Itinerant Learning Support students within a small group setting. 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.

Credit: 1

Prerequisite: Learning Support English 9
Weight: 1.0

WORLD LITERATURE

Grade 11

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.

Credit: 1

Prerequisite: American Literature

Weight: 1.0

CP WORLD LITERATURE

Grade 11

Study of fiction and nonfiction literature designed for delivery to college preparatory students. This overview of literature will provide a context for detailed critical and literary analysis. This course will place a strong emphasis on 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. An emphasis will also be placed on preparing students for the college entrance exams.

Credit: 1

Prerequisite: CP American Literature with a 75% or higher or American Literature with a 90% or higher

Weight: 1.0

HONORS WORLD LITERATURE

Grade 11

This course of study will progress at an advanced level. Study of fiction and nonfiction literature designed for delivery to college preparatory students. This overview of literature will provide a context for detailed critical and literary analysis. Comprehending, analyzing, interpreting, and writing about fiction and nonfiction will be expanded upon. This course will place a strong emphasis on writing and revising informative/explanatory, argumentative, and narrative pieces using the conventions of standard written language will be expanded upon. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application. Students in the course will be expected to explore additional content and complete extended assignments. Assessments will reflect the advanced degree of honors level work. An emphasis will also be placed on preparing students for the college entrance exams.

Credit: 1

Prerequisites: Honors American Literature with an 80% or higher or CP American Literature with a 90% or higher and completion of summer reading assignment

Weight: 1.1

LEARNING SUPPORT WORLD LITERATURE

Grade 11

Study of fiction and nonfiction literature designed for delivery to Itinerant Learning Support students within a small group setting. This survey of literature will provide a context for critical and literary analysis. Comprehension, analyzing, interpreting and writing about fiction and nonfiction will be expanded upon as it relates to the Keystone Literature Exam. Students will further explore writing and revising informative, argumentative and narrative pieces using the conventions of standard written language. Skills will be developed through independent and class reading, research, discussion, writing and application.

Credit: 1

Prerequisite: Learning Support English 10

Weight: 1.0

BRITISH LITERATURE

Grade 12

British Literature will use writing and analytical thinking skills to prepare students for traditional colleges, technical, trade, or business schools. Students will improve skills in analysis of literature, writing, and speaking assignments. Technical mechanics and usage will be stressed. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.

Credit: 1

Prerequisites: World Literature

Weight: 1.0

CP BRITISH LITERATURE

Grade 12

This course is designed for delivery to college preparatory students. This overview course of British Literature will place a strong emphasis on writing and the analytical thinking skills that will prepare students for college entrance examinations and entry level 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. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.

Credit: 1

Prerequisites: World Literature with a 90% or above or CP World Literature with an 80% or above

Weight: 1.0

HONORS BRITISH LITERATURE

Grade 12

This course of study will progress at an advanced level. This course is designed for delivery to college preparatory students. 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. Students in the course will be expected to meet all the requirements of CP British 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.

Credit: 1

Prerequisites: 90% in Honors World Literature or an 80% in CP World Literature and completion of summer reading assignment

Weight: 1.1

LEARNING SUPPORT BRITISH LITERATURE

Grade 12

Study of British Literature designed for delivery to Itinerant Learning Support Students within a small group setting. This overview of British 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.

Credit: 1

Prerequisites: Learning Support English 9, Learning Support English 10, and Learning Support American Literature

Weight: 1.0

CLASSICAL MYTHOLOGY

Grade 11 & 12

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

Credit: 0.5

Prerequisite: None

Weight: 1.0

FILM AS LITERATURE

Grade 9-12

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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

SPEECH

Grade 11

Speech includes the communication process, participation in oral presentation and presentation of informative, persuasive and process speeches. Students will improve their abilities as public speakers, listeners, communicators, and organizers. Students will also practice work-related skills such as effective communication skills, interviewing skills, and group organization. All students will present their Senior Projects during this course, which is a culmination of Career Choices 1 & 2.

Credit: 0.5

Prerequisites: English 9 and English 10

Weight: 1.0

WORLD MYTHOLOGY

Grade 9 & 10

Even Years

This course is a study of the gods, goddesses, and legends of world mythologies. Students will explore the literary, scientific, 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, drama, and artwork associated with the myths. Skills will be developed through independent and class reading, research, critical viewing, discussion, writing, and application.

Credit: 0.5

Prerequisites: English 9 and English 10

Weight: 1.0

English as a Second Language

ENGLISH I Grades 9-12

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.

Credit: 1

Prerequisite: ESL Entrance Exam

Weight: 1.0

ENGLISH II Grade 9-12

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.

Credit: 1

Prerequisite: Level 2 on PA ACCESS

Weight: 1.0

ENGLISH III Grade 9-12

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.

Credit: 1

Prerequisite: Level 3 on PA ACCESS

Weight: 1.0

ENGLISH IV
Grade 9-12

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.

Credit: 1
Prerequisite: Level 4 on PA ACCESS
Weight: 1.0

English V
Grades 9-12

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.

Credit: 1.0
Prerequisite: Level 5 on PA ACCESS
Weight: 1.0

English VI
Grades 9-12

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.

Credit: 1.0
Prerequisite: Level 5 on PA ACCESS

Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ENGLISH I
Grade 9 & 10**

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. The course will follow the regular English 9 & 10 curriculum with needed accommodations and adaptations to meet the student's individual needs. Students will analyze and interpret fiction and nonfiction literature and composition. This course will prepare students for the Keystone Literature state exam.

Credit: 1

Prerequisite: None

Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ENGLISH II
Grade 9 & 10**

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. The course will follow the regular English 9 & 10 curriculum with needed accommodations and adaptations to meet the student's individual needs. Students will analyze and interpret fiction and nonfiction literature and composition. This course will prepare students for the Keystone Literature state exam.

Credit: 1

Prerequisite: None

Weight: 1.0

**SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ENGLISH III
Grade 11**

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. This course will review concepts from Supplemental LS/ES English I and II. This course will also give an overview of American Literature, following the regular English curriculum with needed accommodations and adaptations to meet the student's individual needs.

Credit: 1

Prerequisite: None

Weight: 1.0

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT ENGLISH IV
Grades 11 & 12

This course is designed for students with a current IEP and Supplemental placement. They must be recommended by the IEP team. This course will review concepts from Supplemental LS/ES English I, II, and III. This course will focus on developing communication skills essential for obtaining and keeping a job.

Credit: 1

Prerequisite: None

Weight: 1.0

WORLD LANGUAGE COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0440	Spanish I	1.0	1.0
0445	Spanish II	1.0	1.0
0450	Spanish III	1.0	1.0
0459	Spanish IV	1.0	1.0
0400	French I	1.0	1.0
0405	French II	1.0	1.0
0410	French III	1.0	1.0
0416	French IV	1.0	1.0

WORLD LANGUAGE COURSES

SPANISH I

Grade 9-12

In this course, students will begin to read, write, and speak in the Spanish language. This course will introduce Spanish vocabulary, grammar, and culture. 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. Students will be expected to use target language as much as possible but English will be used for clarification and explanation.

Credit: 1

Prerequisite: None

Weight: 1.0

SPANISH II

Grade 9-12

In this course, students will read, write, and speak the Spanish language with more advanced grammar and a broader vocabulary. Students will continue their study of Spanish 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 instructor will use Spanish language the majority of the time. English will be used for clarification as needed.

Credit: 1

Prerequisite: Spanish 1 with a 70% or higher

Weight: 1.0

SPANISH III

Grade 9-12

In this course, students will continue to develop proficiency in reading, writing, 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. Course text will be supplemented with chapter books and audiovisual materials in the target language. 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 the target language, presentations in the target language, and dramatic interpretations of passages of text. This class is primarily conducted in target language.

Credit: 1

Prerequisite: Spanish II with a 70% or higher

Weight: 1.0

SPANISH IV
Grade 9-12

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. This course is primarily a literature course that will examine and interpret various readings in the target language. This class will also emphasize group discussion of text. Students will need to read, analyze, and express their viewpoints in the target language. This class is conducted almost exclusively in the target.

Credit: 1
Prerequisite: Spanish III with a 70% or higher
Weight: 1.0

FRENCH I
Grade 9-12

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.

Credit: 1
Prerequisite: None
Weight: 1.0

FRENCH II
Grade 9-12

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 instructor will use the target language the majority of the time. English will be used for clarification as needed.

Credit: 1
Prerequisite: French I with a 70% or higher
Weight: 1.0

FRENCH III
Grade 9-12

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 target language.

Credit: 1

Prerequisite: French II with a 70% or higher

Weight: 1.0

FRENCH IV
Grade 9-12

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.

Credit: 1

Prerequisite: French III with a 70% or higher

Weight: 1.0

MUSIC COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
3009	Marching Band	0.0	0.0
0726	Music Theory	1.0	0.5
0729	Guitar Class	1.0	0.5
0730	Symphonic Band	1.0	0.5
0731	Symphonic Band II	1.0	0.5
0732	Symphonic Band III	1.0	0.5
0738	Symphonic Band IV	1.0	0.5
0701	Concert Choir	1.0	0.5
0702	Concert Choir II	1.0	0.5
0703	Concert Choir III	1.0	0.5
0704	Concert Choir IV	1.0	0.5
0719	Music Appreciation	1.0	0.5

MUSIC COURSES

MARCHING BAND

Grades 9-12

Fall Semester Only

The Columbia Crimson Tide Marching band is an instrumental/visual ensemble that serves CHS and the community through performances at athletic and community events. The Marching TIDE is the high school is a musical ambassador and is a popular attraction at football games, parades and other performances. The Marching Band also occasionally performs at exhibitions and/or competitions. Students attend band camp at CHS in August and regular weekly rehearsals through early November. Band camp, all performances and all rehearsals are mandatory.

Please note: The course does not meet on the school day. Musicians must be enrolled in a curricular performing ensemble to be eligible for marching band. Color guard members are excused from this requirement. CTC participants and students with internships may be excused from this requirement with permission of the director and principal.

Participation in evening and/or weekend performances is required. Summer rehearsal and Band Camp are mandatory for all marching band members. Band Camp is held in August and students should be available to attend all scheduled sessions.

Credit: 0

Prerequisites: Students sign a marching band contract in the spring to participate in the following year's marching band. Students will be enrolled by the director and should not elect this course on their own. Instrumentalists must be a member of a curricular ensemble (Band, Choir, Guitar) in order to participate.

Weight: 0

MUSIC THEORY

Grades 9-12

Music Theory I is designed for students who desire an in-depth study of the theory and structure of music. A basic foundation of music theory, ear training, conducting, composition and music history comprise the course. Student activities will include sight singing, writing music and analyzing recordings. Each student will be required to sing, complete harmony exercises, and theory tests as part of their assessment.

Credit: 0.5

Prerequisite: Enrolled in high school music ensemble for at least one year.

Weight: 1.0

GUITAR CLASS

Grade 9- 12

Class guitar is designed for a new or recent beginning student who is interest in learning or improving their skills on guitar. 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.

Please note: Participation in evening/weekend events may occur through the duration of this class. Students may also be required to perform on a music department concert.

Credit: 0.5

Prerequisite: None

Weight: 1.0

SYMPHONIC BAND

Grade 9

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 will also have the opportunity to 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 and performance at all concerts is mandatory.

Please Note: Participation in evening and/or weekend performances is required and included in the course grade. Please refer to the Columbia High School Band Handbook for additional information.

Credit: 0.5

Prerequisite: Demonstrate ability to play a brass, woodwind or percussion instrument at a high school level; other instruments must be director approved

Weight 1:0

SYMPHONIC BAND II

Grade 10

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 will also have the opportunity to 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 and performance at all concerts is mandatory.

Please Note: Participation in evening and/or weekend performances is required and included in the course grade. Please refer to the Columbia High School Band Handbook for additional information.

Credit: 0.5

Prerequisite: Demonstrate ability to play a brass, woodwind or percussion instrument at a high school level; other instruments must be director approved

Weight: 1.0

SYMPHONIC BAND III

Grade 11

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 will also have the opportunity to 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 and performance at all concerts is mandatory.

Please Note: Participation in evening and/or weekend performances is required and included in the course grade. Please refer to the Columbia High School Band Handbook for additional information.

Credit: 0.5

Prerequisite: Demonstrate ability to play a brass, woodwind or percussion instrument at a high school level; other instruments must be director approved

Weight: 1.0

SYMPHONIC BAND IV

Grade 12

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 will also have the opportunity to 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 and performance at all concerts is mandatory.

Please Note: Participation in evening and/or weekend performances is required and included in the course grade. Please refer to the Columbia High School Band Handbook for additional information.

Credit: 0.5

Prerequisite: Demonstrate ability to play a brass, woodwind or percussion instrument at a high school level; other instruments must be director approved

Weight: 1.0

CONCERT CHOIR

Grade 9

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 on the basis of an assessment in which the director listens to your range, tone quality, and pitch memory. Students will also have the opportunity 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, and performance at all concerts is mandatory.

Credit: 0.5

Prerequisite: None

Weight: 1.0

CONCERT CHOIR II

Grade 10

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 on the basis of an assessment in which the director listens to your range, tone quality, and pitch memory. Students will also have the opportunity 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, and performance at all concerts is mandatory.

Credit: 0.5

Prerequisite: Concert Choir II

Weight: 1.0

CONCERT CHOIR III

Grade 11

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 on the basis of an assessment in which the director listens to your range, tone quality, and pitch memory. Students will also have the opportunity 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, and performance at all concerts is mandatory.

Credit: 0.5

Prerequisite: Concert Choir II

Weight: 1.0

CONCERT CHOIR IV

Grade 12

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 on the basis of an assessment in which the director listens to your range, tone quality, and pitch memory. Students will also have the opportunity 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, and performance at all concerts is mandatory.

Credit: 0.5

Prerequisite: Concert Choir III

Weight: 1.0

MUSIC APPRECIATION

Grade 9-12

This elective academic course is offered to those students interested in learning about music. Skills in music listening will be developed as students study the 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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

CAREER PLANNING COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0748	Career Choices 1	1.0	0.5
0849	Career Choices 2	1.0	0.5

CAREER PLANNING

CAREER CHOICES

Grade 9

This semester course addresses a combination of personal/social, educational, career and life skills. Students will learn to plan for their future using effective strategies to make career and lifestyle decisions. Also, students will analyze the effect of personal interests and aptitudes on educational and career training. Students will be evaluated through classroom assignments, tests, quizzes, projects, and the development of a personal career portfolio.

Credit: 0.5

Prerequisite: None

Weight: 1.0

CAREER CHOICES 2

Grade 10

This course is a continuation of Career Choices. This semester course addresses a combination of personal/social, educational, career and life skills. Students will learn to plan for their future using effective strategies to make career and lifestyle decisions. Also, students will analyze the effect of personal interests and aptitudes on educational and career training. Students will be evaluated through classroom assignments, tests, quizzes, projects, and the development of a personal career portfolio. (Pending Board Approval.)

Credit: 0.5

Prerequisite: None

Weight: 1.0

PHYSICAL EDUCATION AND HEALTH COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0548	Senior High Physical Education I	1.0	0.5
0549	Senior High Physical Education II	1.0	0.5
0546	Wellness	1.0	0.5
0547	Sports Medicine	1.0	0.5

PHYSICAL EDUCATION AND HEALTH

SENIOR HIGH PHYSICAL EDUCATION I

Grade 9 or 10

This course emphasizes exercise principles, cooperative skills, team building, and individual and team sports. Student will participate in a variety of activities focusing on the importance of teamwork, empathy, sportsmanship, and skill building. All classes aim to develop coordination, skill mastery, mental adaptability, and sportsmanship.

Credit: 0.5

Prerequisite: None

Weight: 1.0

SENIOR HIGH PHYSICAL EDUCATION II

Grade 11 or 12

This course familiarizes students with lifetime sports and activities while continuing to enforce exercise principles, cooperative skills, and team building. The focus of this course is participation in a variety of activities with the emphasis on exploring activities students can pursue for lifetime fitness.

Credits: 0.5

Prerequisite: Senior High Physical Education 1

Weight: 1.0

WELLNESS

Grade 10

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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

SPORTS MEDICINE

Grade 11-12

A regular health class cannot address the many facets of careers in medicine. Students in general are unaware of the variety of careers offered in medicine, specifically sports medicine, the education required for those careers, and the responsibilities that accompany the careers. This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, sports nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise.

Credit: 0.5

Prerequisites: Biology and Wellness

Weight: 1.0

FAMILY AND CONSUMER SCIENCE COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0752	Child Development	1.0	0.5
0756	Nutrition I	1.0	0.5
0759	Nutrition II	1.0	0.5
0760	Nutrition III	1.0	0.5
0755	Independent Living	1.0	0.5

FAMILY AND CONSUMER SCIENCE COURSES

CHILD DEVELOPMENT

Grade 9-12

Would you like to be a parent, 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 parent feels like. Child Development also covers family structure, types of parenting, teen pregnancy, and labor and delivery. Students will also explore the physical, intellectual, social, and emotional development of infants, toddlers, and preschool age children.

Credit: 0.5

Prerequisite: None

Weight: 1.0

NUTRITION I

Grade 9-12

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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

NUTRITION II

Grade 10-12

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.

Credit: .5

Prerequisite: Nutrition with a 70% or higher

Weight: 1.0

NUTRITION III

Grade 10-12

This course is devoted to regional and international foods. It will focus on the study of culinary heritage by exploring regional areas of the United States and the exploration of international influences such as Mexico, Italy, and China. Students will modify regional and ethnic recipes for increased health benefits. They will work individually and in groups to complete various projects and cooking labs. Students will discover the vast history of cultures around the world.

Credits: .5

Prerequisite: Nutrition II with a 70% or higher

Weight: 1.0

INDEPENDENT LIVING

Grade 11-12

This course is intended for students who desire to practice sound financial habits, and plan for the future by obtaining a job, locating a place of residence, and to have personal and financial security. Students will identify the difference between a want and a need. They will self-reflect to grasp the understanding of their own values and goals. Students will reflect on their future life by completing a career portfolio. They will participate in an interest inventory and research careers that would fit their interest and personality. The participation of a checking account simulation is a requirement. Students will also receive financial information on savings tools and budgeting. A required project will be for students to budget for a wedding or vacation. While researching to purchase a car and insurance, students will learn how to negotiate and compromise. This is a great course for teaching students independence.

Credits: 0.5

Prerequisite: Career Choices

Weight: 1.0

TECHNOLOGY EDUCATION COURSES - MASTER COURSE LISTINGS

Course Number	Course	Weight	Credit Value
1771	Manufacturing I	1.0	0.5
1772	Manufacturing II	1.0	0.5
1773	Manufacturing III	1.0	0.5
0779	Residential Construction Technology	1.0	0.5
0351	Media Production I	1.0	0.5
0357	Media Production II	1.0	0.5
0358	Media Production III	1.0	0.5
0768	Drafting Technology	1.0	0.5
0769	Engineering Graphics	1.0	0.5
0765	Architectural and Structural Drafting	1.0	0.5
0766	Graphic Communications I	1.0	0.5
0733	Graphic Communications II	1.0	0.5
0781	Graphic Communications III	1.0	0.5
1775	Photography Technology I	1.0	0.5
1776	Photography Technology II	1.0	0.5
0348	Yearbook Production I	1.0	0.5
0349	Yearbook Production II	1.0	0.5

TECHNOLOGY EDUCATION

MANUFACTURING I

Grade 9-12

Manufacturing 1 is a course that provides students with a general introduction to manufacturing. Emphasis is placed on a sequence of activities used to make a product. Students are instructed in the safe operation of various woodworking tools and machinery. Using hands on activities, students will produce required projects from standard stock using correct machine and hand tool operations.

Credit: 0.5

Prerequisite: None

Weight: 1.0

MANUFACTURING II

Grade 9-12

Students will use the knowledge and skills developed in Manufacturing 1 to design and build a project of their choice. Some form of casework will be incorporated into the design of the project. Emphasis on design, layout, measurement, shop safety, joinery and finishing will be followed in this course.

Credit: 0.5

Prerequisite: Manufacturing I

Weight: 1.0

MANUFACTURING III

Grade 10-12

In this course students will utilize all of the experiences in their previous Manufacturing classes to construct a high level project containing a drawer and a door. Safety, machine operation, material identification and finishing techniques will be enhanced in this course.

Credit: 0.5

Prerequisites: Manufacturing and Manufacturing II

Weight: 1.0

RESIDENTIAL CONSTRUCTION TECHNOLOGY

Grade 9-12

Residential Construction is a class that deals with the elements of building and maintaining a home. Students will do hands on activities relating to tool use, concrete work, electricity,

plumbing, framing and wall finishing. Students will participate in hands on lab activities including building scale models and full size mock ups of some systems.

Credit: 0.5

Prerequisite: None

Weight: 1.0

MEDIA PRODUCTION I

Grade 10-12

The students in Media Production 1 will learn the basic skills of writing and producing a series of short video projects that will be used as fillers in the morning announcement broadcast. Students will learn basic use of computer software packages, such as: iMovie, LiveType and GarageBand. The students will also research the topics of the video through the internet and retrieve pictures, clips and music to be used in the projects. The students will differentiate types of images, clips and music for appropriate content and elements for the purpose of news broadcast. The students will participate in small team projects in covering local school stories. The students must have strong reading, writing and analytical skills along with a solid work ethic to produce a quality broadcast for daily distribution.

Credit: 0.5

Prerequisites: English 9, English 10, or American Literature with a 70% or higher

Weight: 1.0

MEDIA PRODUCTION II

Grade 10-12

The students in Media Production 2 will develop the skills learned in iMovie, LiveType and GarageBand. The students will also begin to get more directly involved in the production of the morning announcement broadcast. The students will be exposed to the studio equipment used to light, record and edit the broadcast. The students will be given the opportunity to participate in front of the camera as an anchor or reporter in the news team. The students must have strong reading, writing and analytical skills along with a solid work ethic to produce a quality broadcast for daily distribution.

Credit: 0.5

Prerequisite: Media Production I with a 70% or higher

Weight: 1.0

MEDIA PRODUCTION III

Grade 11-12

The students in Media Production 3 will be leading a team in the production of news stories and reports for the purpose of broadcasting them on the morning announcement broadcast. The

students will assist the junior members of a news team in the development of the skills learned in iMovie, LiveType and GarageBand for the filler projects. The students will also be directly involved in the production of the morning announcement broadcast. The students will be required to skillfully operate the studio equipment used to light, record and edit the broadcast. The students will be given the opportunity to participate in front of the camera as an anchor or reporter. The students must have strong reading, writing and analytical skills along with a solid work ethic to produce a quality broadcast for daily distribution.

Credit: 0.5

Prerequisite: Media Production II with a 70% or higher

Weight: 1.0

DRAFTING TECHNOLOGY

Grade 10-12

This is a course designed to introduce the students to the fundamental skills of mechanical drafting through the use of a CAD program. The student will be learning two dynamic concepts right from the start; drafting skills and a software package. Students will complete drawings in both 2D and 3D formats and differentiate the purposes of each. The students will learn the skills of dimensioning. The students will develop an appreciation for the importance of speed and accuracy in the drafting industry. The students will be able to produce a small set of drawings that can be used in a manufacturing shop environment. The students must have strong math and analytical skills along with a solid work ethic to produce a quality project.

Credit: 0.5 credit

Prerequisites: Algebra IA and IB with a 70% or higher

Weight: 1.0

ENGINEERING GRAPHICS

Grade 10-12

EG is an extension course to Drafting Technology. This is a course designed to build upon the fundamental skills of mechanical drafting through the use of a CAD program. The students will be working in a "Project Based" environment putting the skills of Drafting Tech to work. Students will complete drawings in both 2D and 3D formats and differentiate the appropriate purposes of each. The students will grow in the skills of engineering style dimensioning. The students will develop an appreciation for the importance of speed and accuracy in the drafting industry. The students will be able to produce a complex set of shop drawings that can be used in a manufacturing environment. The students must have strong math and analytical skills along with a solid work ethic to produce a quality project.

Credit: 0.5

Prerequisite: Successful completion of Drafting Technology

Weight: 1.0

ARCHITECTURAL AND STRUCTURAL DRAFTING

Grade 10-12

ASD is an extension course to Drafting Technology. This is a course designed to build upon the fundamental skills of mechanical drafting through the use of a CAD program. The students will be working in a “Project Based” environment putting the skills of Drafting Tech to work. Students will complete drawings in both 2D and 3D formats and differentiate the appropriate purposes of each. The students will grow in the skills of architectural dimensioning. The students will develop an appreciation for the importance of speed and accuracy in the drafting industry. The students will be able to produce a complex set of architectural drawings to include; floor plans, elevations, foundations, wall sections and presentation. The students must have strong math and analytical skills along with a solid work ethic to produce a quality project.

Credit: 0.5

Prerequisite: Successful completion of Drafting Technology

Weight: 1.0

GRAPHIC COMMUNICATIONS I

Grade 9-12

Students will be introduced to graphic design and printing. Students will use their creativity along with basic design concepts to develop and produce printed images for various design challenges. Student will use software like Adobe Photoshop and Microsoft Office applications to develop solutions and reports. Significant printing historical events will be researched and the impact of printing technology along with other technologies will be assessed in order to develop their technological literacy.

Credits: 0.5

Prerequisite: None

Weight: 1.0

GRAPHIC COMMUNICATIONS II

Grade 9-12

Students will develop advanced skills as graphic designers. Students will develop design skills using Adobe InDesign®, Photoshop®, Illustrator® and Microsoft Office® in order to create solutions to various design challenges and develop presentation skills. Digital moral ethics will also be introduced and practiced. They will develop solutions to design challenges from the instructor as well as outside design challenges.

Credits: .5

Prerequisite: Graphic Communication I

Weight: 1.0

GRAPHIC COMMUNICATIONS III

Grade 10-12

Students will develop self-guided advanced skills as graphic designers. Students will work with the instructor to develop advanced projects of their choosing and advanced projects assigned by the instructor.

Credit: 0.5

Prerequisite: Graphic Communication II with an 80% or higher

Weight: 1.0

PHOTO TECHNOLOGY I

Grade 9-12

Students will explore basic photographic concepts and develop basic skills to develop their technological literacy. Students will use film and digital cameras develop skills for image capture and presentation. Historic photographic inventions and innovations will be studied. Historical concepts will be experienced while using film to produce prints in the darkroom. Topics of photo composition, printmaking, manipulation of camera control, exposure of light control will be studied. Students will apply what they learn to solve technological problems. Students do not need to supply film or digital cameras. A limited number of film and digital cameras are available for student use.

Credit: 0.5

Prerequisite: None

Weight: 1.0

PHOTO TECHNOLOGY II

Grade 9-12

Students will study digital imaging and editing in order to solve technological problems and improve technological literacy. Students will explore the history of digital photography, types of digital cameras, and digital camera controls. Student will examine digital workflow in order to develop a personalized system. Students will have the opportunity to experience computer software to enhance, restore and manipulate their images. Digital moral ethics will also be introduced and practiced. Students do not need to supply a digital camera. A limited number of film and digital cameras are available for student use.

Credit: 0.5

Prerequisite: Photography Technology I

Weight: 1.0

YEARBOOK PRODUCTION I
Grade 9-12

Students will study the purposes of a yearbook along with the skills required to develop and produce the school's book. Students will study basic the concepts of reporting including: Interviewing, photographing and writing copy. They will apply basic page design concepts to develop the schools yearbook.

Credit: 0.5

Prerequisite: None

Weight: 1.0

YEARBOOK PRODUCTION II
Grade 10-12

Students will study the role of yearbook staff positions in order 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.

Credit: 0.5

Prerequisite: Yearbook Production with an 80% or higher

Weight: 1.0

BUSINESS AND COMPUTER SOFTWARE APPLICATIONS COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0749	Computer Applications	1.0	0.5
6504	Personal Finance	1.0	0.5
6401	Marketing	1.0	0.5

BUSINESS AND COMPUTER SOFTWARE APPLICATIONS COURSES

COMPUTER APPLICATIONS

Grade 9-12

Students will study and practice the basic features of word processing, spreadsheets, slide presentations, and desktop publishing using Microsoft Word®, Excel®, and PowerPoint®, and Publisher® applications. Students will also use various applications using the Internet to complete integrated projects.

Credit: 0.5

Prerequisite: None

Weight: 1.0

PERSONAL FINANCE

Grade 10-12

This course will help students understand the important role of money in their lives and how to be financially responsible. Topics will include budgeting, banking, managing credit, preparing taxes, selecting insurance and investing for the future.

Credit: 0.5

Prerequisite: None

Weight: 1.0

MARKETING

Grade 10-12

This course will introduce students to the challenge of modern marketing. Students will examine the function of the market, pricing, marketing research advertising, packaging, and the various methods used to deliver their product to the consumer.

Credit: 0.5

Prerequisite: None

Weight: 1.0

ART COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
0735	Fundamentals of Art	1.0	0.5
0736	Fundamentals of Art II	1.0	0.5
7044	Painting: Intermediate	1.0	0.5
7045	Utilitarian Ceramics: Intermediate	1.0	0.5

ART

FUNDAMENTALS OF ART I

Grade 9-12

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 handbuilding 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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

FUNDAMENTALS OF ART II

Grade 9-12

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.

Credit: 0.5

Prerequisite: None

Weight: 1.0

PAINTING: INTERMEDIATE

Grade 9-12

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.

Credit: 0.5

Prerequisite: Successful Completion of Fundamentals of Art I & II

Weight: 1.0

UTILITARIAN CERAMICS: INTERMEDIATE

Grade 9-12

Utilitarian Ceramics focuses on the clay as both an art form and functional aspect of society throughout history and modern times. A variety of handbuilding 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.

Credit: 0.5

Prerequisite: Successful Completion of Fundamentals of Art I & II

Weight: 1.0

JOB TRAINING & JOB/SOCIAL SKILLS COURSES - MASTER LISTING

Course Number	Course	Weight	Credit Value
1A - 0697 1B – 0696 2A – 0700 2B – 0710 3A – 0695 3B – 0694 4A – 0699 4B – 0698	Supplemental LS/ES Job/Social Skills 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B	1.0	1.0
11A – 0032 11B – 0033 12A – 0034 12B - 0035	LS/ES Job Training Placement (JT&P) 11A, 11B, 12A, 12B	1.0	1.0

JOB TRAINING & JOB/SOCIAL SKILLS COURSES

SUPPLEMENTAL LEARNING SUPPORT/EMOTIONAL SUPPORT JOB/SOCIAL SKILLS 1A, 1B, 2A, 2B, 3A, 3B, 4A, 4B

Grade 9-12

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.

Credit: 1.0

Prerequisite: Recommendation by the IEP team

Weight: 1.0

LEARNING SUPPORT/EMOTIONAL SUPPORT JOB TRAINING & PLACEMENT (JT&P) 1A, 1B, 2A, 2B

Grade 11-12

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 block 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.

Credit: 1.0

Prerequisite: Recommendation from the IEP team

Weight: 1.0