

A large, light blue watermark of an eagle with its wings spread is centered on the page. The eagle is facing right and has a detailed, stylized appearance with many feathers visible.

BMHS

CURRICULUM GUIDE

2023 - 2024

2023-2024

BLUE MOUNTAIN HIGH SCHOOL PROGRAM OF STUDY

(For the Classes of 2024, 2025, 2026 & 2027)



Blue Mountain School District Mission Statement

The Blue Mountain School District will provide a comprehensive educational program to prepare all students to become successful citizens.

Blue Mountain School District Vision Statement & Educational Philosophy and Objectives

The Blue Mountain School District envisions an educational system that:

- Provides a diverse rigorous curriculum for all students that effectively incorporates technology.
- Promotes a culture of acceptance, continuous improvement, collaboration, perseverance, and the Principles of Honesty, Respect and Responsibility.
- Ensures facilities that are well maintained, safe, accommodating and welcoming.

Since education is the responsibility of the total school community, the school should reflect the ideas and interests of this community by fostering a collaborative action between and among students, teachers, administrators, and the community. In addition, we base our curriculum on the fundamentals of education, attempting to guide the student in the direction of his/her individual skills and interests.

NON-DISCRIMINATION POLICY

The Blue Mountain School District is committed to providing equal opportunities for all persons without regard to sex, race, creed, religion, ethnic background, or handicap in its educational programs, policies and employment practices. Inquiries should be directed to Mrs. Gwen Witmer-Belding, Equal Rights and Opportunities Compliance Officer (Title IX) of the Educational Amendments of 1972, and Coordinator of Section 504 (Handicapped) of the Rehabilitation Act of 1973; Red Dale Road, Orwigsburg PA 17961 (570-366-0515)

Board of School Directors

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TIMOTHY GRUBE - Vice President
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CONTACT NAMES and PHONE NUMBERS

Superintendent of Schools	Dr. David Helsel	570-366-0515 ext. 1022
Director of Pupil Services	Dr. Tyler Herman	570-366-0515 ext. 1035
Director of Elem. and Secondary Education	Mrs. Gwen Witmer-Belding	570-366-0515 ext. 1028
Principal	Mr. C. Eric Schaeffer	570-366-0511 ext. 2306
Assistant Principal	Mr. Lucas J. McMurtrie	570-366-0511 ext. 2303
Admin. Asst. to Principal for Pupil Personnel	Mr. Scott Spolski	570-366-0511 ext. 2312
Coordinator of Special Education	Ms. Megan J. Hughes	570-366-0511 ext. 2338
School Counselor	Ms. Keegan White	570-366-0511 ext. 2311
School Counselor	Mrs. Audrey Lantz	570-366-0511 ext. 2310
Lead School Counselor	Mrs. Danielle Laubenstine	570-366-0511 ext. 2309
School Counseling Secretary	Mrs. Stephanie Carr	570-366-0511 ext. 2308

INDIVIDUALS WITH DISABILITIES EDUCATION ACT

The Blue Mountain School District is required by the Individuals with Disabilities Education Act (“IDEA”) to provide a free, appropriate, public education (“FAPE”) to “children with disabilities.” Pursuant to the IDEA, students are considered to be children with disabilities if they need special education and related services and have one or more of the following physical or mental disabilities:

Autism	Orthopedic Impairment
Deaf-Blindness	Other Health Impairment
Emotional Disturbance	Specific Learning Disability
Hearing Impairment including Deafness	Speech or Language Impairment
Mental Retardation	Traumatic Brain Injury
Multiple Disabilities	Visual Impairment including Blindness

The IDEA further requires the provision of FAPE to children with disabilities between the age of three and the school district’s age of beginners known as “eligible young children.” The Schuylkill County Intermediate Unit provides early intervention service and programs to eligible children located within the Blue Mountain School District. Eligible young children are afforded the same rights as school aged children including screening, evaluation and an appropriate program and services.

Dear Students and Parents / Guardians,

The faculty and staff of Blue Mountain High School are dedicated to educating students to their fullest potential. Here at Blue Mountain, students are provided with many opportunities to acquire the necessary knowledge and skills for success after high school. Universities, colleges, trade schools, military, and future employers want individuals who are successful not only in the academic curriculum, but also those who possess the skills to solve problems, often while collaborating with others.

We offer a rich and expansive Program of Study that encourages students to plan and make well-informed curricular decisions based on their interests, abilities and goals for the future. (I encourage you to consult with your respective guidance counselor prior to building your schedule in an effort to assist you with your selections). Students should select the individual course level within each discipline that affords the greatest opportunity for both intellectual challenge (rigor) and academic success. It is important to review the course content, recommendations, credits, and instructional levels as indicated in the Program of Study to make these appropriate course decisions. Note: Some of the courses written in this catalog may not be offered every school year; it is dependent upon student request and staffing availability.

Each student in grade 9 will be required to select one of five career pathways (known as “Career Academies”), while students in grades 10 and 11 and 12 will either continue in their current Career Academy, or they can choose to change and follow a different academy. Academies are: Business, Communication and Arts, Engineering and Technology, Health and Sciences, and Human Services. Students should read the course requirements of their chosen Career Academy carefully before selecting elective courses. The purpose of the Career Academy structure is to provide students access to a more focused / aligned curriculum to their interests. Successful completion of student elective choices will help to best prepare them in their specific field of study and will also provide students the early education of knowing a specific area is not for them. Students will be permitted to switch to a different Career Academy when they schedule courses for the upcoming year (which will become effective at the start of the following school year) if they decide they would like to explore a different direction. The main goal of our Career Academies is to help students become more knowledgeable in a career interest, while also encouraging them to make wise choices toward their future.

It is my goal that you, along with your counselor, can design a schedule that is personally challenging, and requires you to explore, aspire, and grow academically. I encourage you to take full advantage of the high-quality educational opportunities available at Blue Mountain High School. It is truly an investment in your future. Our mission is educational excellence... and it is my hope that we can reach that milestone together! Your success is our greatest accomplishment!

We look forward to you being an integral part of the upcoming school year here at Blue Mountain.

Yours in education,
C. Eric Schaeffer
Mr. C. Eric Schaeffer
Principal

FROM THE GUIDANCE DEPARTMENT:

The information in the Program of Studies is designed to guide you with your decisions in the course selection process during your years at Blue Mountain High School. These are very important decisions as you think about your future career.

You must seriously consider your abilities, interests, study habits, and time-management skills in handling academic and extra-curricular demands and commitments at the high school. Always keep in mind that specific educational and career goals are met by successfully completing recommended courses. The final decision rests with you and your parents, however the school counselors and teachers are available to assist you in making these important decisions.

All students are expected to develop and maintain a career portfolio throughout high school. The counselors will work with each student yearly to assist them in maintaining their portfolio and reaching their educational career goals.

In ninth grade: In addition to group classroom presentations on career and post-secondary planning, all students meet individually with their counselor to go over career exploration. Students are trained to use the planning and assessment dimensions of the Smart Futures Software.

In tenth grade: School counselors conduct classroom presentations on academic, career and post-secondary planning. Students receive further training on Smart Futures for ongoing development of their career portfolio. Students meet with counselors on an individual basis. Students may elect to take the PSAT (Preliminary Scholarship Aptitude Test) in October.

In eleventh grade: School counselors meet individually with all students and conduct large group guidance presentations on academic, career and post-secondary options. Students continue to use Smart Futures for individualized career and post-secondary planning. The PSAT (Preliminary Scholarship Aptitude Test) is administered in October. College admissions tests (SAT and ACT) are recommended to be taken in the spring. The optional ASVAB test for the military is given in the fall.

In twelfth grade: School counselors conduct classroom presentations on the college admission and financial aid process in government classes. College and career plans are looked at in depth in an individual counselor meeting. If necessary, SAT's and/or ACT's can be taken in the fall by those who deem it necessary. A financial aid presentation is held in early fall for seniors and their parents. The optional ASVAB test for the military is given in the fall.

Danielle Laubentine, School Counselor
Keegan White, School Counselor
Audrey Lantz, School Counselor

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I. SCHEDULING

Each student shall be responsible for preparing his/her schedule under the direction of the high school counselors. Counselors are assigned as follows:

Mrs. Danielle Laubentine – Last Names “A” through “G”

Mrs. Audrey Lantz – Last Names “H” through “O”

Mr. Kevin Gee – Last Names “P” through “Z”

In order to intelligently prepare a schedule of classes for the school term, a student must indicate his/her career interest area and course selections. Each student must select a career academy designed to meet his/her educational and career goals.

Every effort will be made to schedule students for requested courses. In the event of insufficient registration and/or staffing or facilities limitations, the administration reserves the right to cancel any course or limit enrollment. Preference will be given to seniors, juniors and sophomores and freshmen in descending order, if any course enrollment must be altered.

It is required that all students have a full schedule of 7 periods per day whenever possible. Students shall schedule each semester a minimum of seven academic or elective courses according to his/her program area. Credit shall be granted to courses on the basis of number of class periods per cycle.

When a student has selected a course and is scheduled, the student has made a commitment to that course for its duration. Adequate schedule planning for students, teachers, counselors, and classroom space can be completed only when student requests and assignments are considered to be final and binding.

II. SCHEDULING CHANGES

Once the school year has begun, the following procedures will be followed for scheduling changes when possible; (i.e., if scheduling permits based on course enrollments and/or offered class period(s)):

1. Students in grades 9-12 may request level changes for core curriculum (not elective) courses no later than the fifth day of the first semester. Decisions must be based upon appropriate academic challenge and career goals, and will not be based upon social or teacher preferences. All course changes require parent and administrative approval.
2. All course changes for elective level courses must be done prior to the first day of the semester.
3. A student may request a course change for the second semester of a continuous course if, after giving maximum effort, the student is having academic difficulty with the possibility of failing or is failing (75% or below) a continuous course during the first semester. All schedule changes due to academic difficulty should be completed no later than the fifth day of the second semester for all students. Teacher, parent, and administrative approval are required.
4. A schedule change due to a documented medical condition or IEP team decision will be reviewed accordingly. Parent and administrative approval are required.
5. If requests for course changes impact on the minimum course enrollments (i.e. drops the number of enrolled students in a course to less than 10), course change requests will be denied.

III. ACADEMIC YEAR

The Blue Mountain High School academic year is divided into four grading periods. Report cards are issued at the end of each nine-week period. Parents have daily access to student progress through Power School. Interim reports will be sent home approximately midway of each quarter with a written parent request.

Blue Mountain High School uses a student record system that gives parents a secure means of checking their child's grades, attendance, and other records. This information is accessed through the use of a computer/internet link. Passwords and access information will be given to all students near the beginning of school. Other parents may contact the guidance office to obtain information regarding how to access the proper codes.

IV. CREDIT WEIGHT

A weighted grade point average system is used to enable the school to consider the level of difficulty of courses and the course load taken by the student. Health class is identified as an "R" designated course.

- A. Include final grades earned in all major "R" designated courses elected in grades nine through twelve that are grades on an A+ to F- scale, cumulative to include all semesters when computing weighted grade point averages.
- B. Exclude grades earned: (1) in courses graded on a pass/fail or other non-traditional grading system; (2) in courses scheduled beyond the normal school day, i.e., activity period, evenings, weekends, etc.; and (3) in courses at the post-secondary level, i.e., enrichment courses, unless approved through our dual enrollment program.
- C. Compute each student's cumulative total weighted grade point average by using the procedures and formulas further described.
- D. Convert all final percentage grades earned in each course to their grade point equivalent as follows:

V. GRADING SCALE & EQUIVALENTS

Grade Definition	Letter Grade Earned	Percentage Earned	Grade Point Equivalent
Outstanding Achievement	A+	100	4.0
	A+	99	3.9
	A	98	3.8
	A	97	3.7
	A	96	3.6
	A	95	3.5
	A-	94	3.4
	A-	93	3.3
High Achievement	B+	92	3.2
	B+	91	3.1
	B	90	3.0
	B	89	2.9
	B	88	2.8
	B	87	2.7
	B-	86	2.6
	B-	85	2.5
Satisfactory Achievement	C+	84	2.4
	C+	83	2.3
	C	82	2.2
	C	81	2.1
	C	80	2.0
	C	79	1.9
	C	78	1.8
	C-	77	1.7
	C-	76	1.6
Minimal	D+	75	1.5
	D+	74	1.4
	D	73	1.3
	D	72	1.2
	D-	71	1.1
	D-	70	1.0
Failure	F	50-69	0.0
	F-	Below 50	0.0

- E. All "R" designated courses are weighted to recognize the degree of difficulty of each course level as follows:

<u>Course Level</u>	<u>Course Weight</u>
Advanced Placement	1.00
Honors	0.50
College Preparatory	0.20
General	0.00
Selected electives	0.00 – 1.00

- F. Course credit is based on the length of the course given the number of periods per semester or year. Semester averages will be used to issue credit for continuous year courses.

- G. Weighted quality points (WQP) equal the grade point equivalent (GPE) and the course weight (CW) added together, the sum of which is multiplied by the course credit (CC):

Example: $(GPE + CW) \times (CC) = (WQP)$
 $(4.0 + 0.20) \times (0.5) = (2.1)$

The weighted quality points earned for each major "R" designated course are added together and this sum represents the student's total weighted quality points earned in a school year. The student's total weighted quality points earned in each year in high school is totaled to find the student's cumulative total weighted quality points. Grade point average is determined by dividing total weighted quality points by attempted credits.

Sample "Junior" Student:

Course Title	Semester	Grade	(GPE + CW)	x	(CC)	=	(WQP)
CP English III	(S1)	95%	(3.5 + 0.20)	x	(0.5)	=	1.85
CP English III	(S2)	93%	(3.3 + 0.20)	x	(0.5)	=	1.75
CP World History	(S1)	99%	(3.9 + 0.20)	x	(0.5)	=	2.05
CP World History	(S2)	97%	(3.7 + 0.20)	x	(0.5)	=	1.95
AP Chemistry/Lab	(S1)	88%	(2.8 + 1.00)	x	(0.75)	=	1.90
AP Chemistry/Lab	(S2)	90%	(2.9 + 1.00)	x	(0.75)	=	1.95
H Pre-Calculus	(S1)	85%	(2.5 + 0.50)	x	(0.5)	=	1.50
H Pre-Calculus	(S2)	86%	(2.6 + 0.50)	x	(0.5)	=	1.55
H Spanish III	(S1)	93%	(3.3 + 0.50)	x	(0.5)	=	1.90
H Spanish III	(S2)	96%	(3.6 + 0.50)	x	(0.5)	=	2.05
CP Anatomy/Microbiology	(S1)	80%	(2.0 + 0.20)	x	(0.5)	=	1.10
CP Anatomy/Microbiology	(S2)	84%	(2.4 + 0.20)	x	(0.5)	=	1.30
Physical Education III	(YR)	94%	(excluded from RIC)	x	(0.5)	=	0.00
Junior year total weighted quality points							22.85
Prior 2 years: Cumulative total weighted quality points							<u>50.30</u>
All years (to date): Cumulative total weighted quality points							73.15 / 19.5
*Credit weight is not included in WQP for an F or F- grade.							3.75 GPA

Students, parents and teachers should refer to the course description in this publication for a complete listing of all courses offered each year and the course credit weight, course credit and designation. Any other questions should be directed to your guidance counselor.

VI. GRADUATION COURSE REQUIREMENTS

Diplomas shall be granted to students who successfully complete 24 credits with selected standards in courses required by the district and state. Students are responsible for being aware that graduation requirements are met. Failure in a required course must be passed in summer school if offered or rescheduled during another school year.

Minimum graduation course requirements are as follows:

Course	Credit Weight	Credit Total	
English I	0.00 – 0.50	1.0	
English II	0.00 – 0.50	1.0	
English III	0.00 – 1.00	1.0	
English IV	0.00 – 1.00	1.0	4.0
American History I	0.00 – 0.50	1.0	
American History II	0.00 – 1.00	1.0	
World History	0.00 – 1.00	1.0	
American Government	0.00 – 1.00	1.0	4.0
Physical Science	0.00 – 0.50	1.0	
Biology	0.00 – 0.50	1.0	
Science Elective	0.00 – 1.00	1.0	
Science Elective	0.00 – 1.00	1.0	3.0 or 4.0**
Algebra I	0.00 – 0.50	1.0 – 1.5	
Algebra II	0.00 – 0.50	0.5 – 1.0	
Geometry	0.00 – 0.50	1.0	
Math Elective	0.00 – 1.00	1.0	3.0 or 4.0 **
accel. Alg. II (1.00), Geom. (1.00), Math elective (2.00)			
Physical Education I		0.3	
Driver's Education		0.2	
Physical Education II		0.5	
Physical Education III		0.5	
Health		0.5	2.0
Required Skills Classes in the following areas:			
Technology (Microsoft Office)		0.5	
Communication (Effective Communication)		0.5	
Finance (Personal Fin. / Honors Fin. & Econ. / Life After H.S. / Y.E.S. 16-30)		0.5 – 1.0	1.5
Electives	0.00 – 1.00	5.5	5.5
		*Total	24.0

** For graduation, students are required to complete a minimum of either 3.0 credits of Math and 4.0 credits of Science or 3.0 credits of Science and 4.0 credits of Math.

Courses, credit weight and credit may be changed for various educational and mechanical reasons by the administration. Students will be informed of any changes by their guidance counselor.

GRADUATION COURSE REQUIREMENTS (STC STUDENTS)

Diplomas shall be granted to students who successfully complete 24 credits with selected standards in courses required by the district and state. Students are responsible for being aware that graduation requirements are met. Failure in a required course must be passed in summer school if offered or rescheduled during another school year.

Minimum graduation course requirements are as follows:

Course	Credit Weight	Credit Total	
English I	0.00 – 0.50	1.0	
English II	0.00 – 0.50	1.0	
English III	0.00 – 1.00	1.0	
English IV	0.00 – 1.00	1.0	4.0
American History I	0.00 – 0.50	1.0	
American History II	0.00 – 0.50	0.5	
World History	0.00 – 1.00	1.0	
American Government	0.00 – 1.00	1.0	3.5
Physical Science	0.00 – 0.50	1.0	
Biology	0.00 – 0.50	1.0	
Science Elective	0.00 – 1.00	1.0	3.0
Algebra I	0.00 – 0.50	1.0 – 1.5	
Algebra II	0.00 – 0.50	0.5 – 1.0	
Geometry	0.00 – 0.50	1.0	3.0
*accel. Alg. II (1.00), Geom. (1.00), Math elective (1.00)			
Physical Education I		0.3	
Driver's Education		0.2	
Physical Education II		0.5	
Physical Education III		0.5	
Health		0.5	2.0
Required Skills Classes in the following areas:			
Technology (Microsoft Office)		0.5	
Communication (Y.E.S. 1-15)		0.5	
Finance (Y.E.S. 16-30)		0.5	1.5
Electives	0.00 – 0.20	7.0	7.0

*STC Program counts as 2.0 elective credits for 9th grade and 3.0 credits for 10th, 11th, & 12th.

*STC Program Levels I & II = 0.00 Credit Weight

*STC Program Levels III & IV = 0.20 Credit Weight

*Total 24.0

Courses, credit weight and credit may be changed for various educational and mechanical reasons by the administration. Students will be informed of any changes by their guidance counselor.

VII. GRADUATION PROFICIENCY REQUIREMENTS

In addition to the course requirements established for Blue Mountain graduates, students will also be required to meet proficiency requirements through Keystone Exams and other measures as determined by Blue Mountain School District and multiple acts from the Pennsylvania Legislature.

Mathematics English / Language Arts Science

Students will be required to participate in Keystone Exams in the listed areas. Students not meeting proficiency on the Keystone Exam will be provided opportunities for retaking the Keystone Exam. Students not meeting proficiency on Keystone exams administered from eighth through eleventh grade will have alternate means for meeting graduation proficiency as determined by the Pennsylvania Department of Education. Parents and students will be informed of details concerning these requirements and any changes to graduation requirements established by the Pennsylvania Department of Education or Blue Mountain School District.

VIII. GRADUATION PROJECT REQUIREMENT

Students will be required to complete a Graduation Project based on a minimum of 20 hours community service with an approved non-profit community organization. Along with the community service hours and a 5-hour job shadowing experience. Students are required to complete a career planning and exploration experience that is documented electronically. Students are assigned an advisor who will serve as a mentor in guiding students through the process. To remain "Graduation Project Passing" (GPP), students must complete the minimum number of hours listed in the Graduation Project Packet. No hours are accepted prior to the first 9th grade class meeting. The Graduation Project must be completed by the end of first semester in 12th grade. **Students MUST meet the required minimum number of credits and complete the graduation project in order to fully participate in graduation activities.** Parents and students will be informed of details concerning these requirements and any changes to the graduation project requirements established by district administration.

IX. CREDIT RECOVERY PROGRAM

Summer Credit Recovery and Senior Credit Recovery are available programs for students to make up credits for course failures with grades of 40-69% in required courses for graduation. A course in which a student earns a grade of 39% or below must be repeated during the regular school program.

Summer Credit Recovery is offered during summer sessions through a combination of teacher instruction and online learning. Students attending Summer Credit Recovery must meet attendance requirements while earning a passing grade for course credit. Students must pay a registration fee for each course enrollment.

Senior Credit Recovery is available for seniors on track for graduation to make up course failures in a required course for graduation. It is strongly recommended that students utilize Summer Credit Recovery courses prior to being allowed to enroll in a Senior Credit Recovery Course. Courses will be offered to seniors through the Blue Mountain Virtual Academy Program. There will be a maximum of two courses permitted per semester. The courses must be approved by administration and must be completed beyond a student's regular schedule. Students must pay a registration fee for each course enrollment. **Students MUST meet the required minimum**

number of credits and complete the graduation project in order to fully participate in graduation activities.

X. ADVANCED PLACEMENT (AP) PROGRAM

The Advanced Placement Program is a program of college-level courses and exams for secondary school students. It is offered through the College Board. Some of the colleges that AP candidates have attended give credit and/or advanced placement to students whose AP examination grades are considered acceptable.

Students who enroll in AP courses are required to take AP exams. AP exams are administered in May of each school year. Students must pay half of all exam fees within the first five (5) days of the school year or students will be dropped from the course. The College Board provides a fee reduction for students with financial need. Students with a financial hardship should contact Danielle Laubenstine, AP Coordinator at the high school. Any student unable to take the AP Exam during the regularly scheduled testing period and not meeting the late testing criteria set by the College Board will be required to pay the entire exam fee. Students must make every effort to complete AP exams at the regularly scheduled exam time. Students needing late testing accommodations will need to pay all associated fees.

XI. GIFTED PROGRAM

Students in the gifted program are encouraged to pursue appropriately challenging course levels to meet the students' particular needs along with preparing them for post-secondary educational and career plans. While it is not possible to list all courses that are highly recommended for a gifted student, the high school program of studies offers a range of college prep (0.20 level), honors (0.50 level), and advanced placement (1.00 level) courses throughout the major disciplines which should be considered for enrollment. Students can also explore other enrichment opportunities such as field trips, independent study in special topics, and additional projects during activity period. Further enrichment courses may be pursued at the post-secondary level following specific registration guidelines. Inquiries about the gifted program should be directed to the gifted coordinator. Preauthorization for any course beyond a Blue Mountain High School course must be obtained from a district administrator prior to registration. As part of a Gifted Individual Education Plan, students may take additional courses for advancement in course placement. *Courses completed by students in eighth grade (ex. Algebra I; Spanish I) are not credited as graduation requirements even if the course is completed in the High School. These additional courses are not used in GPA calculation. However, such courses are regarded as prerequisites for some high school courses.

XII. INDEPENDENT STUDY

Independent Study may be approved by the Board for properly qualified students (minimum 3.0 GPA) so they can extend their learning experience and can direct and conduct their own learning. The following procedures apply:

1. The Board shall approve each course of independent study and designate the number of credits toward graduation to be awarded upon successful completion of such course, except that the Board reserves the right to assign no credit for such an approved course.
2. Students must develop specific, measurable instructional objectives for each individually planned course of independent study.
3. Applicants shall be limited to students who have completed the ninth grade.

4. Courses of independent study need not be limited to participation by a single student but may involve more than one or a group of students, subject to Board approval.
5. Each student must conduct his/her study under appropriate staff guidance and supervision.
6. Independent Study must be approved by principal.
7. Staff member must certify the completion of each course of independent study based upon the original specified objective.

XIII. INTERNSHIP

Internships are a great way for high school students to gain work experience, learn about professional opportunities, and network within career and academic fields. Students should consider participating in BMHS's Internship elective to gain a unique learning experience which will help to prepare them for their future. Interested students should contact Blue Mountain's Internship Coordinator to apply. Together, the teacher and student will develop a plan with a local business / entrepreneur based on the student's interest.

XIV. LUNCH WAIVER

Blue Mountain will release students from taking a scheduled lunch period. This option is for the highly motivated student in good academic standing that would like to take a class above and beyond seven (7) credits. Parents and teacher must sign the lunch waiver form obtained in Guidance to grant permission. The student can take a 0.50 or 1.00 credit course. It is the responsibility of the student to make arrangements with a classroom teacher to eat. This class cannot be dropped once the semester begins.

XV. HONORS AND ADVANCED PLACEMENT COURSE SELECTION

The high school program of studies offers a diverse selection of honors and advanced placement courses throughout the major disciplines. The following descriptions are given for each course level:

HONORS - Student enrolls in a course requiring additional higher-level thinking skills and application activities with an increased demand for student participation, homework, preparation and projects. The student should meet the necessary prerequisite course grade requirements.

ADVANCED PLACEMENT - Student enrolls in a course requiring increased demands and higher-level thinking skills beyond those of the Honors level courses to prepare for an AP exam according to the College Board guidelines. The student should meet the necessary prerequisite course grade requirements.

XVI. DUAL ENROLLMENT

Students interested in getting a head start on a college career may want to consider taking courses for Dual Enrollment. Blue Mountain students who enroll in Dual Enrollment courses earn transferable college credits for each course taken while they work to meet high school graduation requirements. Courses may be taught at the high school by a Blue Mountain teacher, a college professor, at a local college, through the internet, or by way of videoconferencing. The following guidelines pertain to Dual Enrollment courses at Blue Mountain:

- a. Students may take up to two dual enrollment courses per semester. All dual enrollment courses and grades will be printed on student transcripts. Students must be accepted by the post-secondary institution.
- b. Dual enrollment courses taken during the school year and day count toward graduation and such courses may replace a high school graduation requirement upon approval by the principal.
- c. Summer and after school classes will not be included in our dual enrollment program. No credit will be awarded. Grades will not be included in the GPA or class rank. These courses cannot replace a graduation requirement and the district will not pay for summer or after school classes. We will, however, include the course with the transcript information.
- d. Instruction for dual enrollment courses is provided by the post-secondary institution and subject to institutional policies and procedures. BMHS faculty and staff are not responsible for providing instructional support or monitoring dual enrollment courses. Students enrolled in dual enrollment courses take on full responsibility for completion of course requirements, and all grading is assigned by the participating post-secondary institution.
- e. If a student wishes to drop a dual enrollment course, college guidelines must be followed.
- f. Weight for dual enrollment courses will be 1.00.
- g. Tuition, books, fees, and necessary transportation for dual enrollment courses are the responsibility of the enrolled student.

Students should consult with their counselors regarding further details for dual enrollment.

XVII. HONOR ROLL

The following provisions must be met in order for a student to be recognized as attaining regular or distinguished honor roll status:

REGULAR HONORS – Students are required to earn a percentage grade of 85 in all courses. A student who earns a grade of “UI” – Incomplete, “U” – Unsatisfactory progress, or “I” – Improvement needed is ineligible for regular honors.

DISTINGUISHED HONORS – Students are required to earn a percentage grade of 93 in all courses. A student who earns a grade of “UI” – Incomplete, “U” – Unsatisfactory progress, or “I” – Improvement needed is ineligible for distinguished honors.

XVIII. INTERSCHOLASTIC ATHLETIC ELIGIBILITY

To be eligible for interscholastic athletic competition, a student must be passing at least four (4) full-credit subjects (or the equivalent), and not failing more than two (2) credits. Eligibility shall be cumulative from the beginning of a grading period, shall be reported on a weekly basis, and shall be filed in the Principal’s office. Where a student’s cumulative work from the beginning of the grading period does not as of any Friday meet the standards provided, the student shall be ineligible from the immediately following Sunday through the Saturday immediately following the next Friday as of which the student’s cumulative work from the beginning of the grading period meets the standards provided.

Additionally, a student must have passed at least four full-credit subjects or the equivalent during the previous grading period. In cases where a student’s work does not meet the standard said student shall be ineligible to participate in interscholastic athletics for at least fifteen (15) school days of the next grading period, beginning on the first day report cards are issued. At the end of

the school year, the student's final credits in the student's subjects rather than the student's credits for the last grading period shall be used to determine the student's eligibility for the next grading period.

2020-2021 PIAA Constitution and By-Laws; Article X; Curriculum Sections 1 – 3.

XVIV. NCAA INFORMATION FOR THE COLLEGE BOUND ATHLETE AND PARENTS

The NCAA (National Collegiate Athletic Association) is the governing organization for collegiate athletics regarding established rules on eligibility, recruiting, and financial aid. The NCAA includes Division I, Division II, and Division III colleges and universities. Athletic scholarships are offered through Division I and II institutions.

High school athletes planning to participate in Division I or II collegiate sports during their first year of college enrollment must register with the NCAA Eligibility Center. Online registration is required at www.eligibilitycenter.org. High school students typically register with the NCAA near the end of junior year or the beginning of senior year. The NCAA determines a prospective athlete's academic eligibility for athletic participation at Division I or II institutions. There are specific academic requirements that must be met for Division I and II to become a qualifier for athletic participation. Requirements include completion of core courses as approved by the NCAA with a required core-course grade-point average and SAT or ACT test score. **Some general level courses may not qualify as NCAA core-courses.** Students do not need to be qualified through the NCAA Eligibility Center for Division III institutions.

Further information, including specific GPA and test score requirements, special conditions for students with disabilities, and Blue Mountain High School's core-course list, is available at www.ncaa.org and in the high school guidance office. Consult with your school counselor regarding this process.

XX. GRADE LEVEL ADVANCEMENT

Each student's grade level will be determined by the number of credits the student has earned.

Less than 6 credits -----	Freshman, 9 th Grade
6.0 – 11.9 credits earned -----	Sophomore, 10 th Grade
12.0 – 17.9 credits earned -----	Junior, 11 th Grade
18.0 or more credits -----	Senior, 12 th Grade

Grade level designation will be used for homeroom assignments and course scheduling benefits. Grade level designations will be determined prior to the beginning of the school year and will be revised as necessary after each semester.

XXI. CAREER ACADEMIES

A Career Academy approach at Blue Mountain High School provides opportunities for all students to explore courses that are associated with their future career goals. Academic course scheduling will provide background knowledge and academic preparation aligned with students' post high schools plans. This structure will require students to reflect on and explore potential career areas of interest.

In addition to academic courses in English, Science, Social Studies, and Mathematics, students are required to take skills courses that were developed to align with needs determined through collaboration with businesses and higher education. Each student will gain skills in the areas of technology, finance and communication to prepare them for success in post high school endeavors.

All students will select a Career Academy. This selection will be made through career awareness, life experiences, information from interest inventories, and career exploration activities. Additionally, guidance from counselors, parents, and faculty will assist students in making this selection. Any changes to the Career Academy students are enrolled in can be done during course enrollment during the semester each year, and the new academy will be assigned for the following school year.

Each Career Academy has a list of Program Elective courses that have skills and career experiences directed to the specific Career Academy. Students should enroll in at least one Program Elective each year in their selected Career Academy. Additional electives may be selected from the Program Elective list or from Free Elective offerings appropriate for their grade level. There are 5 Career Academies... they are Business, Art & Communication, Engineering & Technology, Health & Science, and Human Services.

Choose A Career Academy

Select an academy based on your interests and abilities

<p>Business Career Choice Examples</p> <p>May Require 4-year College Degree Accountant/ Auditor/Actuary Advertising/ Marketing Budget Analyst Business Analyst Computer Programmer Consultant Economist Finance/ Financial Planner General Manager/Chief Exec. Hospital Administrator Hotel/Motel Manager Human Resource Mgr. Information Specialist International Business Labor/Personnel Mgr. Marketing Office Info. Systems Purchasing/Contract Mgr.</p> <p>May Require 2-year Postsecondary Education/Training Accounting/Bookkeeping Administrative & Secretarial Banking/Financial Services Business Systems/Networking Caterer Computer Repair Technician Court Reporter Data Processing Entrepreneur Executive Assistant Fashion Merchandising Hospitality/Administration Mgr. Legal Secretary Management Info. Systems Medical Admin. Secretary Paralegal Retail Sales Travel-Tourism Specialist</p> <p>May Require High School Training and/or Special Certificate Training Administrative Assistant Banking & Financial Services Billing Clerk Brokerage Clerk Computer Operator Data Processing Entrepreneur File Clerk/Records Mgt. Information Processing Insurance & Risk Mgt. Receptionist Legal Secretary New Accounts Clerk Payroll Clerk Real Estate</p>	<p>Art and Communication Career Choice Examples</p> <p>May Require 4-year College Degree Actor Advertising Architect Art History Arts Management Broadcast Journalist Ceramic Arts & Ceramics Choreographer Composer/Arranger Creative Writer Dancer Editor/Publisher Fashion Design & Illustrator Film Studies Graphic Design, Comm. Art Journalist Music Conducting Music Director Music Performance Musician Producer/Director Public Relations Specialist Radio and TV Newscaster Reporter Technical Theater Theater Design & Stagecraft</p> <p>May Require 2-year Postsecondary Education/Training Camera Operator, Movie & TV Cartoonist Commercial Photographer Design & Applied Arts Fashion Merchandising Graphic Artist Interior Design Makeup Artist Metal & Jewelry Arts Printmaker Sculpture Television Technician</p> <p>May Require High School Training or Special Certificate Training Career Apprenticeships Crafts, Folk Art & Artisanry Photographer Platemaker Printer Special Events Planner</p>	<p>Engineering and Technology Career Choice Examples</p> <p>May Require 4-year College Degree Actuary Aerospace/Aeronautical Engineer Aircraft Pilot Architect Biochemist Chemical Engineer Computer Engineer Computer Programmer Electrical Engineer Environmental Engineer Forensic Scientist Geologist Industrial Engineer Mechanical Engineer Meteorologist Pharmacist Physicist/Chemist Secondary Science Teacher</p> <p>May Require 2-year Postsecondary Education/Training Apparel Pattern Maker Broadcast Technician CAD Operator Chemical Engineering Technician Civil Engineering Technician Computer Technician Dental Laboratory Technician Industrial Engineering Technician Inspector, Tester, Grader Laser Technician Machinist Mechanical Engineering Technician Musical Instrument Repair Pollution Control Technician</p> <p>May Require High School Training or Special Certificate Training Auto Body Technician Automotive Technician Carpenter Cost Estimator Diesel Mechanic Drywall Installer Electrician Heavy Equipment Operator Landscape Assistant Machine Operator Mason Plumber/Heating/AC Road Worker Roofer Welder</p>	<p>Health and Science Career Choice Examples</p> <p>May Require 4-year College Degree Agronomist Art Therapy Athletic Trainer Biological Scientist Botanist Chiropractor Conservation Scientist Dairy Science Dentist Dietician Environmentalist Forester Geneticist Horticulturist Marine Biologist Medical Technologist Music Therapy Occupational Therapist Optometrist Pharmacist Physician Physician Assistant Physical Therapist Psychiatrist Registered Nurse Social Worker Soil Science Surgeon Veterinarian</p> <p>May Require 2-year Postsecondary Education/Training Dental Assistant Dietary Aide Dialysis Technician EEG Technician EKG Technician Emergency Medical Tech. (EMT) Licensed Practical Nurse Physical Therapy Assistant Radiation Therapy Technician Respiratory Therapist</p> <p>May Require High School Training or Special Certificate Training Animal Caretaker Child Care Aide/Worker Home Health Aide Nurse Aide/Orderly Pharmacy Assistant Veterinary Assistant</p>	<p>Human Services Career Choice Examples</p> <p>May Require 4-year College Degree Anthropologist Coach College/University Faculty Clergy Criminologist Drug and Alcohol Counselor Early Childhood Educator Elementary Teacher FBI Agent Historian Law Enforcement Officer Lawyer/Judge Librarian Music Careers Physical Education Teacher Psychologist School Counselor Secondary Teacher Special Education Teacher Sociologist Speech/Language Pathologist</p> <p>May Require 2-year Postsecondary Education/Training Air Traffic Controller Chef Child Care Director Flight Attendant Food Service Manager Hotel/Motel Manager Police Patrol Officer Public Safety & Correction Mgr. Social Director</p> <p>May Require High School Training or Special Certificate Training Baker Barber Bus Driver Caterer Child Care Worker Cleaning Service Worker Counter Clerk Firefighter Hairdresser/Cosmetologist Prep Cook Recreation Worker Restaurant Attendant Sanitation Worker Security Guard Special Events Planner</p>
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Business Academy

Grade 9	credit	Grade 9 STC	credit
Alg. I or Algebra II (accel.)	1	Alg. I or Algebra II (accel.)	1
English I	1	English I	1
Phys. Sci.	1	Phys. Sci.	1
Am. Hist. I	1	Microsoft Office	0.5
P.E./Driver's Ed Effective	0.5	P.E./Driver's Ed	0.5
Communication	0.5	Am. Hist. I (at STC)	1
Microsoft Office	0.5	STC Shop	2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11	credit	Grade 11 STC	credit
Geometry or Math Elec (accel.)	1	Geometry	1
English III	1	English III	1
Chemistry	1 – 1.5	World Cultures	1
World Cultures	1	P.E.	0.5
P.E.	0.5	Health	0.5
Finance	0.5		
Program Electives	1 – 1.5	STC Shop	3
Free Electives	1 – 1.5		
	7		7

Grade 10	credit	Grade 10 STC	credit
Alg. II or Geometry (accel.)	1	Algebra II	1
English II	1	English II	1
Biology	1 – 1.5	Biology	1
Am. Hist. II	1	Am. Hist. II	0.5
P.E.	0.5	P.E.	0.5
Health	0.5	STC Shop	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12	credit	Grade 12 STC	credit
Mathematics	1	English IV	1
English IV	1	Gen. Lab. Sci	1
Science Elec.	1	Am. Gov.	1
Am. Gov.	1	YES 1-15	0.5
Program Electives	1	YES 16-30	0.5
Free Electives	2	STC Shop	3
	7		7

Program Electives

Introduction to Business
Principles of Accounting
Principles of Marketing
Business Administration
Microsoft Office II
YES (1-15)
YES (16-30)
AP/CP Statistics
Personal Finance

Art-repreneur

Honors Finance and Economics
International Business
French III, IV
Spanish III, IV, AP
Public Speaking
Psychology
Sociology
Honors Programming C++
Internship

Game Programming and Design

Computer Applications
Graphic Communications
Business & Personal Law
Digital Media Honors
Computer Programming 1 & 2
Statistics and Probability
Honors Accounting
Financial Mathematics
TV Studio
Yearbook
AP Comp. Science Principles

* Courses taken to fulfill English, Social Studies, Math, Science, Technology, or Finance requirements do not also count toward Program Electives

STC Courses

Business Management

Art and Communication Academy

Grade 9	Grade 9 STC
credit	credit
Alg. I or Algebra II (accel.)	Alg. I or Algebra II (accel.)
1	1
English I	English I
1	1
Phys. Sci.	Phys. Sci.
1	1
Am. Hist. I	Microsoft Office
1	0.5
P.E./Driver's Ed Effective	P.E./Driver's Ed
0.5	0.5
Communication	Am. Hist. I (at STC)
0.5	1
Microsoft Office	STC Shop
0.5	2
Program Elective	
0.5	
Free Electives	
1	
<u>7</u>	<u>7</u>

Grade 11	Grade 11 STC
credit	credit
Geometry or Math Elec (accel.)	Geometry
1	1
English III	English III
1	1
Chemistry	World Cultures
1 – 1.5	1
World Cultures	P.E.
1	0.5
P.E.	Health
0.5	0.5
Finance	
0.5	
Program Electives	STC Shop
1 – 1.5	3
Free Electives	
1 – 1.5	
<u>7</u>	<u>7</u>

Grade 10	Grade 10 STC
credit	credit
Alg. II or Geometry (accel.)	Algebra II
1	1
English II	English II
1	1
Biology	Biology
1 – 1.5	1
Am. Hist. II	Am. Hist. II
1	0.5
P.E.	P.E.
0.5	0.5
Health	STC Shop
0.5	3
Program Electives	
1	
Free Elective(s)	
0.5 – 1	
<u>7</u>	<u>7</u>

Grade 12	Grade 12 STC
credit	credit
Mathematics	English IV
1	1
English IV	Gen. Lab. Sci
1	1
Science Elec.	Am. Gov.
1	1
Am. Gov.	YES 1-15
1	0.5
Program Electives	YES 16-30
1	0.5
Free Electives	STC Shop
2	3
<u>7</u>	<u>7</u>

Program Electives

Ceramics I/II
 Creative Writing
 Journalism
 Honors Painting
 Painting

 Art Talent 10
 Honors Portfolio Prep.
 YES (1-15)
 YES (16-30)
 Modern Poetry

Public Speaking
 Drawing I/II
 History of Jazz
 Media Studies
 TV Studio
 Yearbook
 Microsoft Office II
 Intro. To Graphic Arts
 Graphic Communication
 Photography
 Film Studies
 Internship
 Game Programming and Design

Pop Music
 History of Music
 History of Rock & Roll
 Voice I/II
 Music Theory I/II

 Piano Class
 History of Broadway
 Projects in Design
 Digital Media
 Art-repreneur
 Advanced Studio in Photography

* Courses taken to fulfill English, Social Studies, Math, Science, Technology, or Finance requirements do not also count toward Program Electives.

Engineering and Technology Academy

Grade 9	credit	Grade 9 STC	credit
Alg. I or Algebra II (accel.)	1	Alg. I Algebra II (accel.)	1
English I	1	English I	1
Phys. Sci.	1	Phys. Sci.	1
Am. Hist. I	1	Microsoft Office	0.5
P.E./Driver's Ed Effective Communication	0.5	P.E./Driver's Ed Am. Hist. I (at STC)	0.5
Microsoft Office	0.5	STC Shop	2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11	credit	Grade 11 STC	credit
Geometry or Math Elec (accel.)	1	Geometry	1
English III	1	English III	1
Chemistry	1 – 1.5	World Cultures	1
World Cultures	1	P.E.	0.5
P.E.	0.5	Health	0.5
Finance	0.5		
Program Electives	1 – 1.5	STC Shop	3
Free Electives	1 – 1.5		
	7		7

Grade 10	credit	Grade 10 STC	credit
Alg. II or Geometry (accel.)	1	Algebra II	1
English II	1	English II	1
Biology	1 – 1.5	Biology	1
Am. Hist. II	1	Am. Hist. II	0.5
P.E.	0.5	P.E.	0.5
Health	0.5	STC Shop	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12	credit	Grade 12 STC	credit
Mathematics	1	English IV	1
English IV	1	Gen. Lab. Sci	1
Science Elec.	1	Am. Gov.	1
Am. Gov.	1	YES 1-15	0.5
Program Electives	1	YES 16-30	0.5
Free Electives	2	STC Shop	3
	7		7

Program Electives

Introduction to STEM	Pre-Engineering	AP Statistics	
Intro. to Earth / Space Science	AP Calculus	Construction Technology	Honors STEM II
Global Sustainability	Computer Science 1 & 2	Architectural Design	Exploring Electronics and Electricity
Honors Organic Chemistry	French III, IV	Microsoft Office II	Honors Pre-Calculus
Environmental Science	Technical Drawing / CADD	Spanish III, IV, AP	Game Programming and Design
AP Environmental Science	Algebra III	YES (1-15)	Advanced Studio in Photography
AP Physics	Trigonometry	YES (16-30)	AP Comp. Sci. Principles
Introduction to Graphic Arts	Statistics and Probability	TV Studio	
		Yearbook	

* Courses taken to fulfill English, Social Studies, Math, Science, Technology, or Finance requirements do not also count toward Program Electives.

STC Courses

Automotive Technology	Diesel Engine Technology	Precision Machining
Carpentry Technology	Electromechanical Technology	Residential / Industrial Electricity
Collision Repair Technology	Masonry Technology	Outdoor Power Technology
Computer Information Systems	Plumbing & Heating Technology	Welding Technology

Health and Science Academy

Grade 9	credit	Grade 9 STC	credit
Alg. I or Algebra II (accel.)	1	Alg. I or Algebra II (accel.)	1
English I	1	English I	1
Phys. Sci.	1	Phys. Sci.	1
Am. Hist. I	1	Microsoft Office	0.5
P.E./Driver's Ed Effective	0.5	P.E./Driver's Ed Am. Hist. I (at STC)	0.5
Communication	0.5	STC Shop	1
Microsoft Office	0.5		2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11	credit	Grade 11 STC	credit
Geometry or Math Elec (accel.)	1	Geometry	1
English III	1	English III	1
Chemistry	1 – 1.5	World Cultures	1
World Cultures	1	P.E.	0.5
P.E.	0.5	Health	0.5
Finance	0.5		
Program Electives	1 – 1.5	STC Shop	3
Free Electives	1 – 1.5		
	7		7

Grade 10	credit	Grade 10 STC	credit
Alg. II or Geometry (accel.)	1	Algebra II	1
English II	1	English II	1
Biology	1 – 1.5	Biology	1
Am. Hist. II	1	Am. Hist. II	0.5
P.E.	0.5	P.E.	0.5
Health	0.5	STC Shop	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12	credit	Grade 12 STC	credit
Mathematics	1	English IV	1
English IV	1	Gen. Lab. Sci	1
Science Elec.	1	Am. Gov.	1
Am. Gov.	1	YES 1-15	0.5
Program Electives	1	YES 16-30	0.5
Free Electives	2	STC Shop	3
	7		7

Program Electives

AP Biology
 Introduction to Sports Medicine
 YES (1-15)
 CP/Honors Anatomy
 Intro. to Earth / Space Science
 Financial Mathematics
 Child Development
 Spanish III, IV, AP
 Sociology
 Honors Pre-Calculus
 Computer Programming, I & II

Introduction to STEM
 Tech. Drawing / CADD
 YES (16-30)
 AP Environmental Science
 Environmental Science
 Discrete Math
 First Aid, CPR & AED
 Algebra III
 CP/AP Statistics
 Internship

French III, IV
 Microsoft Office II
 Statistics and Probability
 AP Physics
 Honors Organic Chemistry
 Psychology
 Trigonometry
 Global Sustainability
 AP Calculus
 Honors STEM II

* Courses taken to fulfill English, Social Studies, Math, Science, Technology, or Finance requirements do not also count toward Program Electives.

STC Courses

Emerging Health Professionals

Human Services Academy

Grade 9	credit	Grade 9 STC	credit
Alg. I or Algebra II (accel.)	1	Alg. I or Algebra II (accel.)	1
English I	1	English I	1
Phys. Sci.	1	Phys. Sci.	1
Am. Hist. I	1	Microsoft Office	0.5
P.E./Driver's Ed Effective Communication	0.5	P.E./Driver's Ed Am. Hist. I (at STC)	0.5
Microsoft Office	0.5	STC Shop	2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11	credit	Grade 11 STC	credit
Geometry or Math Elec (accel.)	1	Geometry	1
English III	1	English III	1
Chemistry	1 – 1.5	World Cultures	1
World Cultures	1	P.E.	0.5
P.E.	0.5	Health	0.5
Finance	0.5		
Program Electives	1 – 1.5	STC Shop	3
Free Electives	1 – 1.5		
	7		7

Grade 10	credit	Grade 10 STC	credit
Alg. II or Geometry (accel.)	1	Algebra II	1
English II	1	English II	1
Biology	1 – 1.5	Biology	1
Am. Hist. II	1	Am. Hist. II	0.5
P.E.	0.5	P.E.	0.5
Health	0.5	STC Shop	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 11	credit	Grade 11 STC	credit
Mathematics	1	English IV	1
English IV	1	Gen. Lab. Sci	1
Science Elec.	1	Am. Gov.	1
Am. Gov.	1	YES 1-15	0.5
Program Electives	1	YES 16-30	0.5
Free Electives	2	STC Shop	3
	7		7

Program Electives

Contemporary Events & Humanities
 Introduction to Sports Medicine
 First Aid, CPR & AED
 History of Genocide
 Comparative Religions
 Sociology
 Psychology
 AP American History
 AP Art History
 AP World History: Ancient
 AP World History: Modern
 Photography

Media Studies
 Digital Media
 Digital Media II
 Voice I & II
 Music Theory I & II
 Piano Class
 History of Music
 History of Jazz
 Culinary Arts I/II
 Global Foods

Early Childhood Education
 Child Development
 Global Sustainability
 Statistics and Probability
 AP/CP Statistics
 Public Speaking
 Microsoft Office II
 Spanish III, IV, AP
 French III, IV
 YES (1-15)
 YES (16-30)
 Internship

* Courses taken to fulfill English, Social Studies, Math, Science, Technology, or Finance requirements do not also count toward Program Electives.

STC Courses

Early Childhood Education

Criminal Justice

Cosmetology

Culinary Arts

XXII. CURRICULUM OFFERINGS

ENGLISH COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
English I	11109/11209	9	2	6	1.00	0.00
English I (STC)	11015	9	1	12	1.00	0.00
CP English I	11309/11409	9	2	6	1.00	0.20
Honors English I	11509/11609	9	2	6	1.00	0.50
English II	12109/12209	10	2	6	1.00	0.00
English II (STC)	12009	10	1	12	1.00	0.00
CP English II	12309/12409	10	2	6	1.00	0.20
Honors English II	12509/12609	10	2	6	1.00	0.50
English III	13109/13209	11	2	6	1.00	0.00
English III (STC)	13009	11	1	12	1.00	0.00
CP English III	13309/13409	11	2	6	1.00	0.20
Honors English III	13509/13609	11	2	6	1.00	0.50
English IV	14109/14209	12	2	6	1.00	0.00
CP English IV	14309/14409	12	2	6	1.00	0.20
Honors English IV	14509/14609	12	2	6	1.00	0.50
AP Lit. & Comp.	14709/14809	12	2	6	1.00	1.00
AP Lang. & Comp.	14718/14818	11-12	2	6	1.00	1.00
Public Speaking	15115	10-12	1	6	0.50	0.20
Creative Writing	15209	11, 12	1	6	0.50	0.20
Journalism	15409/15509	10-12	1 or 2	6	0.50/1.00	0.20
Effective Communication	11717	9-12	1	6	0.50	0.20
Media Studies	11817	9-12	1	6	0.50	0.20
Modern Poetry	15121	10-12	1	6	0.50	0.00
Film Studies	16921	11-12	1	6	0.50	0.00/0.20

English Graduation Requirements: Four (4.0) credits – English I, II, III, IV

SOCIAL STUDIES COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
American Hist. I	21109/21209	9	2	6	1.00	0.00
CP Amer. Hist. I	21309/21409	9	2	6	1.00	0.20
Hon. Amer. Hist. I	21509/21609	9	2	6	1.00	0.50
American Hist. II	22109/22209	10	2	6	1.00	0.00
CP Amer. Hist. II	22309/22409	10	2	6	1.00	0.20
Hon. Amer. Hist. II	22509/22609	10	2	6	1.00	0.50
American Hist. II (STC)	22117	10	1	6	0.50	0.00
World History	23109/23209	11	2	6	1.00	0.00
CP World History	23309/23409	11	2	6	1.00	0.20
AP World History: Modern	23718/23818	11, 12	2	6	1.00	1.00
World History (STC)	23117	11	1	12	1.00	0.00
American Govt.	24109/24209	12	2	6	1.00	0.00
CP Amer. Govt.	24309/24409	12	2	6	1.00	0.20
Hon. Amer. Govt.	24509/24609	12	2	6	1.00	0.50
AP Govt. & Politics	25315/25415	12	2	6	1.00	1.00
American Govt. (STC)	24117	12	1	12	1.00	0.00
AP U.S. History	24709/24809	10-12	2	6	1.00	1.00
AP Art History	26016/26116	11, 12	2	6	1.00	1.00
Psychology	25109	11, 12	1	6	0.50	0.20
Sociology	25209	11, 12	1	6	0.50	0.20

Contemp. Events & Human	21717	9-12	1	6	0.50	0.20
Comparative Religions	25118	11, 12	1	6	0.50	0.20
Hon. History of Genocide	25219	11, 12	1	6	0.50	0.50

Social Studies Graduation Requirements: Four (4.0) credits – American History I, II or AP US History, World History or AP World History, American Government, or AP Government & Politics

SCIENCE COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Physical Sci./Lab	31109/31209	9	2	6	1.00	0.00
Physical Sci./Lab (STC)	34015	9	1	12	1.00	0.00
CP Phys. Sci./Lab	31309/31409	9	2	6	1.00	0.20
Hon. Phys. Sci./Lab	31509/31609	9	2	6	1.00	0.50
Biology/Lab	32114	10	1	12	1.00	0.00
CP Biology /Lab	32309	10	1	16	1.00	0.20
Hon. Biology/Lab	32509/32609	10	2	9	1.50	0.50
Chemistry/Lab	33109	11	1	12	1.00	0.00
CP Chem./Lab	33309	11	1	12	1.00	0.20
Hon. Chem./Lab	33115/33215	11	2	9	1.50	0.50
AP Chem./Lab	33709/33809	11	2	9	1.50	1.00
Gen. Lab. Science	35109/35209	11, 12	2	6	1.00	0.00
Gen. Lab. Sci. (STC)	33009	12	1	12	1.00	0.00
CP Physics/Lab	34309/34409	12	2	6	1.00	0.20
Hon. Physics/Lab	34115/34215	12	2	9	1.50	0.50
AP Physics I/Lab	34714/34814	12	2	9	1.50	1.00
CP Anat. & Microbio./Lab	35310/35410	11, 12	2	6	1.00	0.20
Hon. Anat. & Phys./Lab	35509/35609	11, 12	2	6	1.00	0.50
AP Biology/Lab	35709/35809	11, 12	2	9	1.50	1.00
Environmental Science	36514/36614	11, 12	2	6	1.00	0.00
AP Environ. Sci./Lab	36709/36809	11, 12	2	6	1.00	1.00
CP Global Sustainability	32711	10-12	1	6	0.50	0.20
Intro. to STEM	31717	9-12	1	6	0.50	0.20
Hon. Organic Chem.	34318	12	1	6	0.50	0.50
Intro. to Earth / Space Sci.	33318	11, 12	1	6	0.50	0.00
Hon. STEM II	31717A	10-12	1	6	0.50	0.50

Science Grad. Req.: (4.0) cr. – Phys. Sci., Biology/Lab, Sci. Electives

MATHEMATICS COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Algebra I	40114/40214	9	2	6	1.00	0.00
CP Algebra I	40314/40414	9	2	6	1.00	0.20
Honors Alg. I	40514/40614	9	2	6	1.00	0.50
Algebra II	41114/41214	10	2	6	1.00	0.00
CP Alg. II	41314/41414	9, 10	2	6	1.00	0.20
Hon. Alg. II	41514/41614	9, 10	2	6	1.00	0.50
Geometry	42109/42209	11	2	6	1.00	0.00
CP Geometry	42309/42409	11	2	6	1.00	0.20
Hon. Geometry	42509/42609	10, 11	2	6	1.00	0.50
Algebra III	43114	11, 12	1	6	0.50	0.00
Statistics & Probability	43214	11, 12	1	6	0.50	0.00
CP Alg. III	43314	11, 12	1	6	0.50	0.20
CP Trigonometry	43414	11, 12	1	6	0.50	0.20
Hon. Pre-calculus	43509/43609	11, 12	2	6	1.00	0.50

AP Calculus AB	43711/43811	11, 12	2	6	1.00	1.00
AP Calculus BC	43721/43821	12	2	6	1.00	1.00
AP Statistics	44709/44809	11, 12	2	6	1.00	1.00
CP Statistics	44511/44611	11, 12	2	6	1.00	0.20
Discrete Math	44609	11, 12	1	6	0.50	0.20
Financial Mathematics	44619	12	1	6	0.50	0.00

Math Grad. Req.: Four (4.0) cr. Alg. I, Alg. II, Geometry, Math Elective; (accel. Alg II, Geometry, Math Electives)

PHYSICAL EDUCATION, HEALTH, AND DRIVER EDUCATION COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Phys. Ed. I	50109	9	1	4	0.30	0.00
Phys. Ed. II	50209	10	1	6	0.50	0.00
Phys. Ed. II	50218	10	2	3	0.50	0.00
Phys. Ed. III/IV	50314	11-12	1	6	0.50	0.00
Phys. Ed. III/IV	50317	11-12	2	3	0.50	0.00
Adapted Phys. Educ.	099	9-12	1 or 2	1	0.50	0.00
Health	52209/52217	10, 11 (STC)	1	6	0.50	0.00
Intro to Sports Med	53311	11, 12	1	6	0.50	0.20
First Aid, CPR & AED	53319	11, 12	1	6	0.20	0.00
Driver Ed.	52309	9	1	2	0.20	0.00
Behind the Wheel		10-12	(scheduled independently for 6 hrs.)			0.00

Phys. Ed. and Health Graduation Requirements: (1.8) credits – Physical Education I, II, III/IV and Health

WORLD LANGUAGE COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
French I	62109/62209	9-12	2	6	1.00	0.20
French II	62309/62409	9-12	2	6	1.00	0.20
Hon. French III	62509/62609	10-12	2	6	1.00	0.50
Hon. French IV	62709/62809	11, 12	2	6	1.00	0.50
Spanish I	64109/64209	9-12	2	6	1.00	0.20
Spanish II	64309/64409	9-12	2	6	1.00	0.20
Hon. Spanish III	64509/64609	10-12	2	6	1.00	0.50
Hon. Spanish IV	64709/64809	11, 12	2	6	1.00	0.50
AP Spanish	63118/63218	12	2	6	1.00	1.00

*Students who earned at least 80% in a level I course must schedule the level II course or level I of an alternate language.

*Students scheduling level IV or V courses may be expected to work independently with advisement by the instructor if these courses are scheduled with other levels given student requests and teacher availability.

BUSINESS EDUCATION AND COMPUTER COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Microsoft Off. Comp. I	70109	9-12	1	6	0.50	0.20
Microsoft Off. Comp. II	70209	9-12	1	6	0.50	0.20
Comp. Programming 1	71309	10-12	1	6	0.50	0.20
Comp. Programming 2	71409	10-12	2	6	0.50	0.20
AP Comp. Sci. Principles	00315CS/ 00316CS	10-12	2	6	1.00	1.00
Hon. Acctg.	72509/72609	10-12	2	6	1.00	0.50
Computer Applications	70516	10-12	1	6	0.50	0.20
Business & Personal Law	71117	10-12	1	6	0.50	0.20
Hon. Finance & Econ.	73509/73609	11-12	2	6	1.00	0.50
Princ. of Marketing	72309	10-12	1	6	0.50	0.20
Business Admin.	72709/72809	11-12	2	6	1.00	0.20
Princ. of Acctg.	72409	9-12	1	6	0.50	0.20
Y.E.S (1-15)	71709	10-12	1	6	0.50	0.20
Y.E.S (16-30)	71809	10-12	1	6	0.50	0.20
Intro. to Business	71717	9-12	1	6	0.50	0.20
Personal Finance	71719	11-12	1	6	0.50	0.20
Internship	81009/82009	11-12	1-4	6	0.50/2.00	0.00/0.50
Cooperative Ed. (CO-OP)	83016/84016		1-4	6	0.50/2.00	0.00/0.50
Game Programming and Design	72121	11-12 10-12	1	6	0.50	0.20

TECHNOLOGY EDUCATION COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Architectural Design	90413	10-12	1	6	0.50	0.20
Pre-Eng. & Innov.	91213	11-12	1	6	0.50	0.20
Graphic Communications	91511	10-12	1	6	0.50	0.00
Explor. Photo.	91809	10-12	1	6	0.50	0.00
Digital Media I	92114	10-12	1	6	0.50	0.20
Digital Media II	92214	10-12	1	6	0.50	0.20
Intro. To Graphic Arts	91717	9-12	1	6	0.50	0.20
Advanced Studio Photography	91209P	10-12	1	6	0.50	0.50
Art-repreneur	91621	10-12	1	6	0.50	0.00

FAMILY AND CONSUMER SCIENCE COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Child Dev.	92309	9-12	1	6	0.50	0.20
Early Childhood Educ.	92409	9-12	1	6	0.50	0.20
Culinary Arts I	92509	9-12	1	6	0.50	0.00
Culinary Arts II	92609	9-12	1	6	0.50	0.20
Global Foods	92711	9-12	1	6	0.50	0.20
Life After High School	92909	10-12	1	6	0.50	0.20
Projects in Design	92717	9-12	1	6	0.50	0.00

VISUAL ARTS COURSES

COURSE	COURSE NUMBER	REC. GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
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Hon. Portfolio Prep	93209/93309	12	1 or 2	6	0.50/1.00	0.50
Drawing	93409	9-12	1	6	0.50	0.00
Drawing II	93509	9-12	1	6	0.50	0.50
Design & Comp.	93609	9-12	1	6	0.50	0.00
Painting	93709	10-12	1	6	0.50	0.20
Hon. Painting II	93809	10-12	1	6	0.50	0.50
Ceramics	94109	9-12	1	6	0.50	0.20
Ceramics II	94209	9-12	1	6	0.50	0.50
3 D Design	94309	10-12	1	6	0.50	0.20
Art & Computer	94409	9-12	1	6	0.50	0.00
Art Talent 9	94609	9	1	6	0.50	0.20
Art Talent 10	94809	10	1	6	0.50	0.20
TV Studio I	11917/11217	9-12	1 or 2	6	0.50/1.00.5	0.20
TV Studio II	11818/11918	10-12	1 or 2	6	0.50/1.00.5	0.20
TV Studio III	11819/11919	11-12	1 or 2	6	0.50/1.0 0.5	0.20
Architectural Design	90413	11-12	1	6	0.50	0.20
Pre-Eng. & Innov.	91213	10-12	1	6	0.50	0.20
Graphic Communications	91511	10-12	1	6	0.50	0.20
Explor. Photo	91809	10-12	1	6	0.50	0.20
Digital Media I	92114	10-12	1	6	0.50	0.20
Digital Media II	92214	9-12	1	6	0.50	0.20
Intro. To Graphic Arts	91717	10-12	1	6	0.50	0.50
Adv. Studio Photography	91209P	10-12	1	6	0.50	0.20
Art-repreneur	91621	10-12	1	6	0.50/1.00.5	0.20
Yearbook I	11823/11923	9-12	1	6	0.5/1.00.5	0.20
Yearbook II	12823/12923	10-12	1	6	0.5/1.00.5	0.20
Yearbook III	13823/13923	11-12	1	6	0.5/1.00.5	0.20

MUSIC COURSES

COURSE	COURSE NUMBER	GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Pop Music	95214	9-12	1	6	0.50	0.00
Voice Class I	95309	9-12	1	6	0.50	0.20
Voice Class II	95714	9-12	1	6	0.50	0.20
History of Music	95409	9-12	1	6	0.50	0.20
History of Jazz	95509	9-12	1	6	0.50	0.20
History of Rock and Roll	95610	9-12	1	6	0.50	0.20
Music Theory I	97717	9-12	1	6	0.50	0.20
Honors Music Theory II	97817	10-12	1	6	0.50	0.50
Piano Class	97609	9-12	1	6	0.50	0.20
History of Broadway	95717	9-12	1	6	0.50	0.20
Chorus	97114/97214	9-12	1	2	0.40	0.00
Chorale	97814/97914	9-12	2	1	0.20	0.00
Band/Instrumental Lessons	97310/97320	9-12	2	6 s1 / 3 s2	0.80	0.00
Jazz Band	97509	9-12	1	3	0.20	0.00

ADDITIONAL COURSES

COURSE	COURSE NUMBER	GRADE LEVEL	NUMBER OF SEMESTERS	PDS. PER CYCLE	CREDITS PER YEAR	CREDIT WEIGHT
Independent Study	00109/00209	10-12	1 or 2	6	0.50/1.00	0.20-0.50
Enrichment (Educere)	00309/00409	9-12	1 or 2	6	0.50/1.00	0.20-1.00
Applied Eng. Lang. Arts I	00509/00609	9	1 or 2	6	0.50/1.00	0.00
Applied Eng. Lang. Arts II	00711/00714	10	1 or 2	6	0.50/1.00	0.00
Applied Eng. Lang. Arts III	00712/00612	11	1 or 2	6	0.50/1.00	0.00
Applied Eng. Lang. Arts IV	00713/00813	12	1 or 2	6	0.50/1.00	0.00
Consumer Math I	45411/45511	9	2	6	1.00	0.00
Consumer Math II	45412/45512	10	2	6	1.00	0.00
Consumer Math III	45612/45712	11	2	6	1.00	0.00
Applied Consumer Math IV	45615/45715	12	2	6	1.00	0.00
Applied Reading I	00918R1/00919R1	9	2	6	1.00	0.00
Applied Reading II	00918R2/00919R2	10	2	6	1.00	0.00
Applied Reading III	00918R3/00919R3	11	2	6	1.00	0.00
Applied Reading IV	00918R4/00919R4	12	2	6	1.00	0.00
Developmental Math I	00909M/00910M	9	2	6	1.00	0.00
Developmental Math II	00909M2/00910M2	10	2	6	1.00	0.00
Developmental Math III	00909M3/00910M3	11	2	6	1.00	0.00
Developmental Math IV	00909M4/00910M4	12	2	6	1.00	0.00
Developmental Reading I	00909R/00910R	9	2	6	1.00	0.00
Developmental Reading II	00909R2/00910R2	10	2	6	1.00	0.00
Developmental Reading III	00909R3/00910R3	11	2	6	1.00	0.00
Developmental Reading IV	00909R4/00910R4	12	2	6	1.00	0.00
Developmental English I	00909E/00910E	9	2	6	1.00	0.00
Developmental English II	00909E2/00910E2	10	2	6	1.00	0.00
Developmental English III	00909E3/00910E3	11	2	6	1.00	0.00
Developmental English IV	00909E4/00910E4	12	2	6	1.00	0.00
Developmental Science I	00909S/00910S	9	2	6	1.00	0.00
Developmental Science II	00909S2/00910S2	10	2	6	1.00	0.00
Developmental Science III	00909S3/00910S3	11	2	6	1.00	0.00
Developmental Science IV	00909S4/00910S4	12	2	6	1.00	0.00
Practical Math I	00709M/00710M	9	2	6	1.00	0.00
Practical Math II	00709M2/00710M2	10	2	6	1.00	0.00
Practical Math III	00709M3/00710M3	11	2	6	1.00	0.00
Practical Math IV	00709M4/00710M4	12	2	6	1.00	0.00
Practical English I	00709E/00710E	9	2	6	1.00	0.00
Practical English II	00709E2/00710E2	10	2	6	1.00	0.00
Practical English III	00709E3/00710E3	11	2	6	1.00	0.00
Practical English IV	00709E4/00710E4	12	2	6	1.00	0.00
Practical Social Studies I	00709SS/00710SS	9	2	6	1.00	0.00
Practical Social Studies II	00709SS2/00710SS2	10	2	6	1.00	0.00
Practical Social Studies III	00709SS3/00710SS3	11	2	6	1.00	0.00
Practical Social Studies IV	00709SS4/00710SS4	12	2	6	1.00	0.00
Practical Science I	00709S/00710S	9	2	6	1.00	0.00
Practical Science II	00709S2/00710S2	10	2	6	1.00	0.00
Practical Science III	00709S3/00710S3	11	2	6	1.00	0.00
Practical Science IV	00709S4/00710S4	12	2	6	1.00	0.00
Develop. Social Skills	00709SS/00710SS	9-12	2	6	1.00	0.00
Practical Skills	00709PS/00710PS	9-12	2	6	1.00	0.00
Ind. Healthy Living Skills I	00814Z/00914Z	9-12	2	6	0.50/1.00	0.00
Ind. Healthy Living Skills II	01215Z/01315Z	9-12	2	6	0.50/1.00	0.00
Transition Seminar	00809	11-12	1	6	0.50	0.00
Applied Micro. Off. Skills	70109Z	9	1	6	0.50	0.00
Applied Phys. Science	00117/00217	9-12	2	6	1.00	0.00
Applied Biology	00317/00417	9-12	2	6	1.00	0.00
Applied Lab Science	00517/00617	9-12	2	6	1.00	0.00

Applied Environ. Sci.	00717/00817	9-12	2	6	1.00	0.00
Develop. Am. Hist. I/II	00909HG/00910HG	9-12	2	6	1.00	0.00
Develop. World Cult./Gov.	00909WC/00910WC	9-12	2	6	1.00	0.00
Applied Am. History I	00118/00218	9-12	2	6	1.00	0.00
Applied Am. History II	00318/00418	9-12	2	6	1.00	0.00
Applied World Cult.	00518/00618	9-12	2	6	1.00	0.00
Applied American Gov.	00718/00818	9-12	2	6	1.00	0.00
Employment Skills I	00909PV/00910PV	9-12	2	6	1.00	0.00
Employment Skills II	00911PV/00912PV	9-12	2	6	1.00	0.00
Employment Skills III	00913PV/00914PV	9-12	2	6	1.00	0.00
Employment Skills IV	00915PV/00916PV	9-12	2	6	1.00	0.00
Community Based Instr. I	00700CB/00710CB	9-12	2	6	1.00	0.00
Community Based Instr. II	00711CB/00712CB	9-12	2	6	1.00	0.00
Community Based Instr. III	00713CB/00714CB	9-12	2	6	1.00	0.00
Community Based Instr. IV	00715CB/00716CB	9-12	2	6	1.00	0.00
Monitored Study I	IT002/IT003	9-12	1	6	0.50	0.00
Monitored Study II	IT004/IT005	9-12	1	6	0.50	0.00
Monitored Study III	IT006/IT007	9-12	1	6	0.50	0.00
Monitored Study IV	IT008/IT009	9-12	1	6	0.50	0.00
Internship	71118/71218	11-12	1-4	6	0.50/2.00	0.00/0.50
CP Internship	71318/71418	11-12	1-4	6	0.50/2.00	0.00/0.50
Honors Internship	71518/71618	11-12	1-4	6	0.50/2.00	0.00/0.50
STC Program	81009/82009	9-12	1	full day prog.	2.00/3.00	0.00/0.50

XXIII. COURSE DESCRIPTIONS

All courses are described in paragraph form in the following section of the Program of Studies. Each course is further identified in the following manner.

43709/43809	AP CALCULUS	Prerequisite	Credit Weight	Course Credit	Level
(A)	(B)	(C)	(D)	(E)	(F)

(A) Course Number

(B) Course Title

(C) Previous course/grade needed to schedule this course

(D) Weighted level assigned to course

(E) Amount of credit earned by successfully completing the course

(F) R - indicates the course is computed for class rank, GPA, and honor roll

M - not computed for class rank or GPA, but may be included in calculations for honor roll

ENGLISH OFFERINGS

11109/11209 ENGLISH I

	Credit Wt.	Credit	Level
	0.00	1.00	R

The course emphasizes the examination and application of key literary terminology to several genres of writing. Units are based around genres ranging from short stories, novel, drama, poetry and non-fiction pieces. Students focus on analysis style of writing and build on the use of proper MLA format to examine literature by utilizing textual evidence, critical analyses and reader insight. Spelling, vocabulary and grammar are also assessed throughout the course. Speaking skills are developed through informal discussion and required speeches.

11015 ENGLISH I

	Prog. Req.	Credit Wt.	Credit	Level
	STC	0.00	1.00	R

The course emphasizes strengthening basic listening, speaking, reading, and writing skills. Specific course content includes written and oral skills that apply to literary comprehension and analysis. Reading skills will be developed through selections including the short story, poetry, drama, and the novel. Spelling and vocabulary skills are utilized in the writing proponents of the course. Speaking skills are developed through informal discussion and a required speech.

11309/11409 COLLEGE PREPARATORY ENGLISH I

Recommended:	Credit Wt.	Credit	Level
English 8 Honors - 76% avg.	0.20	1.00	R
English 8 – 85% avg.			

Students will complete all the components of English I through the reading of higher-level texts and stories. More independent reading is required of students at the CP level as well as additional writing assignments that practice higher order thinking skills. Students will build on the proper use of MLA format in their writing, at a faster pace. Spelling and vocabulary are aligned to the SAT.

11509/11609 HONORS ENGLISH I

Recommended:	Credit Wt.	Credit	Level
English 8 Honors - 93% avg.	0.50	1.00	R
English 8 Adv. - 85% avg.			

Students will complete all the components of CP English I. Students will read four additional novels to examine these key literary concepts throughout the school year (two in the summer and two in class). Students at the honors level complete more formal and informal writing pieces that focus on complex ideas and concepts. Writing is used as the predominant means of assessing student understanding of the stories we are reading. Students will be held to the MLA writing standards for all writing pieces throughout the year. Students will complete a required speech and a research-based paper. Students are responsible for completing required summer reading for this course. The summer reading list can be found on the high school webpage at bmsd.org.

12109/12209 ENGLISH II

Recommended:	Credit Wt.	Credit	Level
English I	0.00	1.00	R

This course is designed to help students achieve competency in reading, use of language and writing/oral skills. Specific course content includes comprehending works of fiction and non-fiction, world literature, grammar, and intensive vocabulary work. In-depth reading is required in the forms of a novel, play, biographies, poetry, and selections of short stories. Writing skills are developed through creative writing in journals and essays. Speaking skills are developed through informal discussion, and a required speech. Near the completion of this course, all students will participate in the Keystone Literature exam.

12009	ENGLISH II				
	Recommended:	Prog. Req.	Credit Wt.	Credit	Level
	English I	STC	0.00	1.00	R

This course is designed to help students achieve competency in reading, use of language and writing/oral skills. Specific course content includes comprehending works of fiction and non-fiction, world literature, grammar, and intensive vocabulary work. In-depth reading is required in the forms of a novel, play, biographies, poetry, and selections of short stories. Writing skills are developed through creative writing in journals and essays. Speaking skills are developed through informal discussion and a required speech. Near the completion of this course, all students will participate in the Keystone Literature exam.

12309/12409	COLLEGE PREPARATORY ENGLISH II				
	Recommended:		Credit Wt.	Credit	Level
	CP English I		0.20	1.00	R

In addition to the English II curriculum, College Preparatory English II includes in-class and outside reading, written and/or oral presentations, formal and creative essays, intensive vocabulary work, an intensive review of grammar, and a larger study of world literature. Near the completion of this course, all students will participate in the Keystone Literature exam.

12509/12609	HONORS ENGLISH II				
	Recommended:		Credit Wt.	Credit	Level
	CP English I - 93% avg.		0.50	1.00	R
	Honors English I - 85% avg.				

The Honors English II course includes essentially the same organization, objectives, requirements, texts, resource materials and evaluation procedures as the College Preparatory English II course. In addition, the students will read additional novels, short stories, plays, biographies, and essays; complete lengthy writing assignments on these readings; and speak frequently in a seminar setting. This course is recommended only for those students who want to be challenged by a more ambitious course of study, take responsibility for their learning, and work well independently. **Students are responsible for completing required summer reading for this course. The summer reading list can be found on the high school webpage at bmsd.org.** Near the completion of this course, all students will participate in the Keystone Literature exam.

13109/13209	ENGLISH III				
	Recommended:		Credit Wt.	Credit	Level
	English II		0.00	1.00	R

The offering seeks to improve the skills of listening, speaking, reading, and writing as they apply to a vocational field. Specific course content will include a review of basic grammar and the mechanics of good writing. Practical spelling and vocational vocabulary will be stressed. Reading skills will be developed through selections from United States literature. When necessary, some remedial work in reading may be done. The student is taught to organize information and present a required speech.

13009	ENGLISH III				
	Recommended:	Prog. Req.	Credit Wt.	Credit	Level
	English II	STC	0.00	1.00	R

The offering seeks to improve the skills of listening, speaking, reading, and writing as they apply to a vocational field. Specific course content will include a review of basic grammar and the mechanics of good writing. Practical spelling and vocational vocabulary will be stressed. Reading skills will be developed through selections from United States literature. When necessary, some remedial work in reading may be done. The student is taught to organize information and present a required five-minute speech as well as compose an essay in the MLA format.

13309/13409	COLLEGE PREPARATORY ENGLISH III			
	Recommended:	Credit Wt.	Credit	Level
	CP English II	0.20	1.00	R

The course offers students an opportunity to deepen their knowledge of American literature and provides a basis for developing concepts and ideas useful in either written or oral communication. There is an emphasis on rhetorical writing, critical thinking, and citing sources in the proper MLA format as well as a provision for a strong review of grammar to sharpen skills needed in written and spoken composition. College vocabulary is stressed throughout the year. Students are required to produce a research paper on a literary subject to learn the correct procedures for developing the research paper. The student is taught to organize information. Each student shall present a required five-minute speech.

13509/13609	HONORS ENGLISH III			
	Recommended:	Credit Wt.	Credit	Level
	CP English II - 93% avg.	0.50	1.00	R
	Honors English II - 85% avg.			

The Honors English III course includes essentially the same organization, objectives, requirements, texts, resource materials, and evaluation procedures as the CP English III course. In addition, students will read additional novels, short stories, plays, biographies, and essays; complete lengthy writing assignments on these readings with a focus on critical thinking skills; and speak frequently in a seminar setting and respond frequently to teacher-established online discussion forums. This course is recommended only for those students who want to be challenged by a more ambitious course of study, take responsibility for their learning, work well independently, and are considering Honors English IV or AP Literature and Composition in grade 12. **Students are responsible for completing required summer reading for this course. The summer reading list can be found on the high school webpage at bmsd.org.**

14109/14209	ENGLISH IV			
	Recommended:	Credit Wt.	Credit	Level
	English III	0.00	1.00	R

This course attempts to meet the language needs of students entering the work force upon graduation. Effort is made to help the student be more competent and feel more secure in his/her use of English as a tool of communication. Emphasis is placed on basic composition, vocabulary, literature, and verbal communication skills. Students may work on individualized related instruction, such as career qualification analysis, employer-employee and co-worker relationships, values appraisals, vocabulary and clerical aptitude tests, and a career profile analysis. Time will be devoted to an examination of the pros and cons of additional education or work after graduation. Students will read English novels/units, short stories, poems, biographical sketches, essays, and plays and respond through discussion, short papers, and essay responses to the materials read. In addition, speaking skills are developed through a required speech and class discussion.

14309/14409	COLLEGE PREPARATORY ENGLISH IV			
	Recommended:	Credit Wt.	Credit	Level
	CP English III	0.20	1.00	R

In addition to the core educational components of English IV, this class focuses more on the demands placed on the college student. The course requires of the student a close examination of specific pieces and types of English literature, Greek drama, and contemporary essays. The student will be required to read several English novels, to write critical and analytical papers, to write essay examinations, and to discuss orally both as an individual and as part of a group, the materials read. In addition, the student will survey the development of the English language, review grammar as weaknesses develop, and work throughout the year on a college-oriented vocabulary program. The student will give a required speech in an effort to improve communication and argumentative skills.

14509/14609	HONORS ENGLISH IV			
	Recommended:	Credit Wt.	Credit	Level
	CP English III - 93% avg.	0.50	1.00	R
	Honors English III - 85% avg.			

In addition to the requirements for English IV and College Prep English IV, students will write and revise critical essays that explicate poetry, short prose narratives, and selected novels and plays. They are also required to discuss in a seminar setting, to make oral presentations and to critique each other's presentations. The students are responsible for completing required summer reading along with journal entries for each novel. Honors' students are also responsible for defining the given literary terminology and an illustration of each literary term. There is considerably more reading and writing involved with the Honors English IV course. The summer reading list can be found on the high school webpage at bmsd.org.

14718/14818	ADVANCED PLACEMENT LANGUAGE AND COMPOSITION			
	Recommended:	Credit Wt.	Credit	Level
	CP English II- 93% avg.	1.00	1.00	R
	Honors English II - 85% avg.			

This course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. This course emphasizes rhetoric, claims and evidence, reasoning and organization, and style. In addition to the core curricular expectations of the recommendations above, this course requires students to complete nonfiction summer reading and essay writing, as they will become skilled readers of prose written in a variety of rhetorical contexts and skilled writers who compose for a variety of purposes. Both their reading and writing should make students aware of interactions among a writer's purposes, reader expectations, and an author's propositional content, as well as the genre conventions and the resources of language that contribute to effectiveness in writing. Students' ability to engage with outside sources in their reading, writing, and research is an important measure of their intellectual growth. Students are required to write multiple essays varying in length during this course. While there is no prerequisite, students who have had experience in rhetorical analysis, argument, and synthesis may more easily fulfill the demands of this course. **Students are responsible for completing required summer reading for this course. The summer reading list can be found on the high school webpage at bmsd.org.** All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year.

14709/14809	ADVANCED PLACEMENT LITERATURE AND COMPOSITION			
	Recommended:	Credit Wt.	Credit	Level
	CP English III- 93% avg.	1.00	1.00	R
	Honors English III - 85% avg.			

In addition to the requirements for English IV, College Prep English IV and Honors English IV, the Advance Placement students ARE REQUIRED to write a ten-page research paper and take the College Board Advanced Placement Examination in Literature and Composition at their own expense. **Students are responsible for completing required summer reading for this course. The summer reading list can be found on the high school webpage at bmsd.org.** All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year.

15115	PUBLIC SPEAKING			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course is designed to combine the practice and theory of the art of public speaking. The theory in this course is related to the combination of reading, gathering, organizing and presenting different types of minor and major speeches. Practicing the theory then happens when the student connects organizational methods to present different speeches that have organizational methods. Speeches in this course range from demonstration to persuasive and cover a wide variety of topics, which allows students to foster an ability to think off the cuff and improve his/her composure and self-confidence.

15209	CREATIVE WRITING			<i>Elective 11 & 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course, designed for students who enjoy reading and writing, aims to stimulate the imagination and to channel this imagination into the writing of creative pieces such as poems, short stores and non-fiction articles. Specific content includes the fostering of ideas, the intense study of words, the examination of the techniques of great writers, the imitation of the styles of professional writers, the development of personal style, and experimentation with new ways to express the human condition. In addition to the completion of a creative writing journal, the student will be required to keep a daily record of ideas, feelings, and events, and to submit creative writing assignments and papers. Students enrolled in this course must be able to work independently; also, they should be willing to participate in class discussions. At the end of the course, the student will be encouraged to prepare a manuscript to be submitted for publication.

15409/15509	JOURNALISM			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	.50/1.00	R

With an emphasis on print journalism, students develop the traits typical and essential of all good writers and reporters as they develop an increasing awareness of their world. They achieve that goal through a mixture of instruction and production tied to the planning and writing of news, feature, sports, and opinion stories. The course is writing-project based. During the course, student jointly or independently plan and produce original stories of various types. They complete contributions for each issue of the school paper, district newsletter, and other publications. They use computer labs for word processing, digital photographs, graphic design, and other applications. Journalism students will write in the Associated Press style.

11717	EFFECTIVE COMMUNICATION			
		Credit Wt.	Credit	Level
		0.20	0.5	R

Effective Communication specializes in identifying and using modern communication to exchange messages and information through both informal and formal means. Ultimately, students will define, identify, and apply effective interpersonal communication skills through various modes of oral presentation, small group communication, and written components. Emphasis will be placed on linking basic written and oral skills used to communicate in various settings for a successful completion of a common goal. **This is a required course for all students to meet the Graduation Requirement within their career academy for “Communications”.**

11817	MEDIA STUDIES			
		Credit Wt.	Credit	Level
		0.20	0.5	R

Students will be examining the practices and theories associated with Mass Media. We will be exploring the ways that media is produced, developed and delivered. We will look at topics such as digital citizenship, advertising, news production, the internet, journalistic skills and careers in the media. Students will utilize media literacy skills throughout the course. This a project-based course.

16921	FILM STUDIES			<i>Elective 11 & 12</i>
	Recommended:	Credit Wt.	Credit	Level
	English II	0.20	0.5	R

This English Elective is open to juniors and seniors. This course treats film as literature, looking closely at various literary techniques such as theme, symbolism, and foreshadowing. The aim of this course is to provide the student with a general knowledge of the history of cinema, to demonstrate how movies are made, and to introduce some of the most influential films and filmmakers of the modern film era (with a special emphasis on film noir and Alfred Hitchcock). Students will also read professional criticism by respected film critics as an extension for discussion and as a model for students’ own written criticism. Students are expected to actively engage in class discussion, critically read text assignments, and write short reviews and a substantial research paper on a film director.

15121	MODERN POETRY			<i>Elective 10 - 12</i>
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Credit Wt.	Credit	Level
0.20	0.5	R

This course examines poetry in the modern world (post 1950) from the perspective of the poetry reader and writer. The student will examine poetry, studying its themes, formatting and style as it evolved throughout the last half of the 20th century until present day. The student will analyze poems and study various historical poetry movements. Students will identify and write poems that correspond with the styles of poetry from each time period. Current media sources, venues, journals, and additional poetry outlets will be explored. The student will compose a portfolio of his/her creative and analytical work throughout the semester. The student must also make real world connections throughout the semester, such as submitting work to a context, visiting a poetry venue, reviewing a book of poetry, or participating in the Poetry Out Loud national recitation contest.

SOCIAL STUDIES OFFERINGS

21109/21209	AMERICAN HISTORY I			
	Recommended:	Credit Wt.	Credit	Level
	Social Studies 8	0.00	1.00	R

American History I traces the development of the United States from 1789 to 1900. Emphasis is placed on cultural, social, economic, and political aspects of our early history.

21309/21409	COLLEGE PREPARATORY AMERICAN HISTORY I			
	Recommended:	Credit Wt.	Credit	Level
	Social Studies 8 Honors - 76% avg.	0.20	1.00	R
	Social Studies 8 - 85% avg.			

The College Preparatory American History I course traces the development of the United States from 1789 to 1900. Emphasis is placed on cultural, social, economic, and political aspects of our early history. Oral and written reports, bulletin boards and more complex homework assignments are integral parts of this course.

21509/21609	HONORS AMERICAN HISTORY I			
	Recommended:	Credit Wt.	Credit	Level
	Social Studies 8 Honors - 93% avg.	0.50	1.00	R

The Honors American History I course is a preparatory course for AP United States History. The course covers all aspects of American History from the pre-colonial era (1490) to the end of Civil War Reconstruction (1877). Areas of social, political, economic, military and cultural history will be explored. The scope and sequence of this course is college level and demanding. Only students with the strongest background in social studies and writing should consider this course. Students will learn to write a thesis and to prove that thesis using knowledge of various historical sources and to present reasons and evidence clearly and persuasively in several essay formats. **Students will be required to complete a summer assignment which will be graded. An exam (including an essay) on that material will also be given the first week of the school year.**

22109/22209	AMERICAN HISTORY II			
	Recommended:	Credit Wt.	Credit	Level
	American History I	0.00	1.00	R

This course is a study of twentieth century American history through the study of events, personalities, concepts and movements that have shaped our people. The general approach is to use the textbook, worksheets, audio-visual materials, and history. Some Pennsylvania history and current events are integrated into this course.

22117	AMERICAN HISTORY II (STC)			
	Recommended:	Credit Wt.	Credit	Level
	American History I	0.00	1.00	R

The Vo-Tech American History 2 course is a semester long study of 20th century American History. The course covers all aspects of American History including areas of politics, economy, culture, military and foreign policy. Some events covered include the Stock Market Crash of 1929, World War 2, the Cold War, the Korean War, the Civil Rights Movement, the Vietnam conflict and the presidencies from Herbert Hoover through Bill Clinton. Some Pennsylvania History and current events are included in the course.

22309/22409	COLLEGE PREPARATORY AMERICAN HISTORY II			
	Recommended:	Credit Wt.	Credit	Level
	Amer. Hist. I	0.20	1.00	R

College Preparatory American History II is a course on the history of the United States in the twentieth century. The course of study includes key events, personalities, concepts and movements that have shaped the United States and its people. The general approach is to use the textbook, readings, worksheets, reports, audio-visual materials, and class discussions to gain a basic understanding of American history. Some Pennsylvania history and current events are included in this course. There is also one major project in this course.

22509/22609	HONORS AMERICAN HISTORY II			
	Recommended:	Credit Wt.	Credit	Level
	CP Amer. History I - 93% avg.	0.50	1.00	R
	Honors Amer. History I - 85% avg.			

The Honors American History II course includes essentially the same organization, objectives, texts, resource materials and evaluation procedures as CP American History II. In addition, the course provides a more extensive knowledge of 20th century American history and introduces students to some of the methodology used in the study of history. Higher level thinking skills will be introduced into the activities and discussion of course content. There are seven major projects in this course.

23109/23209	WORLD HISTORY			
	Recommended:	Credit Wt.	Credit	Level
	American History II	0.00	1.00	R

World History is a Social Studies course focusing on all aspects of global history from prehistory through the Modern Age. The student will build on an understanding of history from its foundations in the Paleolithic Age to the present and will examine contacts that have occurred between various world civilizations/societies. Students will investigate the many changes and causes of change that have occurred across the globe throughout time and develop the ability to connect events from the past with life in the present.

23117	WORLD HISTORY (STC)			
	Recommended:	Credit Wt.	Credit	Level
	American History II	0.00	1.00	R

World History is a Social Studies course focusing on all aspects of global history from prehistory through the Modern Age. The student will build on an understanding of history from its foundations in the Paleolithic Age to the present and will examine contacts that have occurred between various world civilizations/societies. Students will investigate the many changes and causes of change that have occurred across the globe throughout time and develop the ability to connect events from the past with life in the present.

23309/23409	COLLEGE PREPARATORY WORLD HISTORY			
	Recommended:	Credit Wt.	Credit	Level
	Amer. Hist. II	0.20	1.00	R

World History is a Social Studies course focusing on all aspects of global history from prehistory through the Modern Age. The student will build on an understanding of history from its foundations in the Paleolithic Age to the present and will examine contacts that have occurred between various world civilizations/societies. Students will investigate the many changes and causes of change that have occurred across the globe throughout time and develop the ability to connect events from the past with life in the present.

36018/36118	ADVANCED PLACEMENT WORLD HISTORY: MODERN			
	Recommended:	Credit Wt.	Credit	Level
	Prior yr. CP Soc. St.- 93% avg.	1.00	1.00	R
	Honors Soc. St.- 85% avg.			

AP Modern World History is a collegiate level course focusing on all aspects of World History from the year 1200 through the Modern Age. Students will examine the interactions between various global civilizations/societies throughout this time period, conduct analysis of primary and secondary documents, compare/contrast peoples across the globe, and determine the causes/impacts of significant historical events. AP Modern World History is designed to prepare students to be successful on the AP Modern World History exam and is to be considered a university level course in terms of its difficulty.

24109/24209 AMERICAN GOVERNMENT

Recommended:	Credit Wt.	Credit	Level
World History	0.00	1.00	R

The American Government course teaches the basic values on which the government of the United States rests, the principles which give it direction and the actual functioning of the governmental process. Special emphasis is placed on teaching the Constitution of the United States, the constitution of the state, and the structure and function of national, state and local governments. In addition to the text, films, bulletin board, newspapers, student reports, and current periodicals are used to keep the students aware of the contemporary issues of our country.

24117 AMERICAN GOVERNMENT (STC)

Recommended:	Credit Wt.	Credit	Level
World History	0.00	1.00	R

The course in American Government is designed to present seniors with an educational experience that would enable each individual to deal with the duties and responsibilities of a concerned citizen in a democratic society. This course teaches that people are and should be the only source for all government action through education and that people will govern themselves wisely.

24309/24409 COLLEGE PREPARATORY AMERICAN GOVERNMENT

Recommended:	Credit Wt.	Credit	Level
World History	0.20	1.00	R

The College Preparatory American Government course teaches students the basic values and philosophy of the United States government, the principles which guide our democracy, and the function and duties of the governmental branches. Specific emphasis is placed on the study of the Constitution of the United States, the Constitution of the Commonwealth of Pennsylvania, as well as the structure and function of the national, state and local governments. Finally, through the use of term papers, debates, bulletin boards, and current periodicals, an effort is made to make students aware of major issues facing the United States today.

24509/24609 HONORS AMERICAN GOVERNMENT

Recommended:	Credit Wt.	Credit	Level
CP World History - 93% avg.	0.50	1.00	R
AP World History - 85% avg.			

The Honors American Government course includes essentially the same organization, objectives, texts, resource materials and evaluation procedures as the CP American Government course. In addition, the course will require more rigorous application of activities and assignments with course content being covered in greater depth and at a more accelerated pace.

25315/25415 ADVANCED PLACEMENT AMERICAN GOVERNMENT & POLITICS

Recommended:	Credit Wt.	Credit	Level
CP World History- 93% avg.	1.00	1.00	R
AP World History- 85% avg.			

The AP course in United States Government and Politics will provide students with an understanding of the theoretical perspectives, principles, explanations of various behaviors and outcomes, along with the processes of government and politics in United States. By utilizing factual information, general concepts, and an analysis of real-world examples, students will explore six areas of study including I) constitutional underpinnings, II) political beliefs and behaviors, III) political parties, interest groups and mass media, IV) institutions of national government, V) civil rights and civil liberties, and VI) public policy. This course is taught at a college level and students should expect supplementary readings, data-based questions, and multiple writing assignments. It also requires a familiarity with the various institutions, groups, beliefs, and ideas, as taught in American History I & II, that constitute the political process and governing the United States. All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP exams are administered in May of each school year.

24709/24809 ADVANCED PLACEMENT UNITED STATES HISTORY

Prerequisite:	Credit Wt.	Credit	Level
Honors Hist. I	1.00	1.00	R

This advanced placement course in United States History is a continuation of 9th grade Pre-AP United States History (Honors American History I). The course covers all aspects of American History from the end of Civil War Reconstruction (1877) through the Beginning of the 21st Century. Students will examine and compare different eras of American History in terms of specific themes of the course set by the College Board. Advanced Placement US History is to be considered a university level course in terms of its difficulty. The scope and sequence of this course is extremely demanding and only students with the strongest background in social studies should consider this course. The specific Advanced Placement skills (analyzing historical documents, formulating/proving a thesis in several essay formats, etc.) learned in the Honors American History I course are highly recommended to continue in this course. All students enrolled in this course will be required to complete the AP Exam developed by the College Board. AP exams are administered in May of each school year.

25109 PSYCHOLOGY*Elective 11 & 12*

Credit Wt.	Credit	Level
0.20	0.50	R

This is an elective course offered to students who want a better understanding of human behavior. The course is divided into four major units and a smaller unit. The first unit includes an introduction to psychology and the methods of psychological study. The second unit deals with the principles of learning and ways of making learning more efficient. A third unit is concerned with the study and measurement of personality. In addition, a psychology project must be completed in the form of an experiment, demonstration or display. The final unit relates to the study of stress, behavioral disorders, and their treatment. Career options in the field of psychology are also briefly explored in this course.

25209 SOCIOLOGY*Elective 11 & 12*

Credit Wt.	Credit	Level
0.20	0.50	R

Sociology involves the study of human relationships and examines the way people interact with each other. Several units are covered. Unit one deals mainly with the tools, concepts, and techniques used in understanding the field of sociological research. Unit two deals with people and their world. The purpose is to study existing History and the rules that people live by. Unit three focuses on socialization processes, social groups, social stratification, minorities and human ecology for students to gain a better understanding of minorities in our existing American social system. Unit four's purpose is to learn unstructured behavioral patterns and the use of mass communication along with public propaganda in our society. Units five and six deal with social institutions that include a family structure, education, religion, economy, government, civil rights, rural and urban problems, crime and juvenile delinquency, poverty and the youth rebellion. This seminar-type class involves lectures, films, text references, and various types of student participation.

21717	CONTEMPORARY EVENTS AND HUMANITIES			
		Credit Wt.	Credit	Level
		0.20	0.50	R

Students will analyze current events on the local, state, national, and international levels and explore ties to humanities topics, such as history, economics, psychology, and sociology. This introductory semester course will introduce students to later, more in-depth courses and emphasize inter-personal skills.

25118	COMPARATIVE RELIGIONS			<i>Elective 11 & 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

To emphasize the differences and similarities between the belief systems of various peoples across the globe, this course will explore the major religions of the world, including their major religious texts, doctrines, customs, and artistic expressions, presented in order to increase the student's range of understanding and respect for other faiths. Special emphasis is placed on those Eastern and Western faiths to which a significant portion of the world's peoples is devoted. Hinduism, Buddhism, Confucianism, Taoism, Islam, Christianity, Judaism, Shinto, Sikhism, as well as alternative religious paths (Scientology, Wicca, Falun Gong, etc.) will be major components of the course. In addition, the student is presented with daily practices as well as the theory behind each belief system.

25219	HONORS HISTORY OF GENOCIDE			<i>Elective 11 & 12</i>
		Credit Wt.	Credit	Level
		0.50	0.50	R

The History of Genocide course will attempt to understand the historical roots, immediate causes, implementation, and aftermath of various acts of state-sponsored violence throughout history. The course will be a comparative study of genocide as it occurred throughout the globe, including a particular focus on genocide in Armenia (1915-1917), Ukraine (1933-1945), Cambodia (1976-1979), Rwanda (1994), Bosnia (1995), and Darfur (2003 – Present). The course will utilize secondary sources from historians as well as primary records of events from both the perpetrators and victims, in an attempt to answer profound questions about human behavior and human nature.

SCIENCE OFFERINGS

31109/31209	PHYSICAL SCIENCE/LAB	Recommended: 8 th Grade Science	Credit Wt. 0.00	Credit 1.00	Level R
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Physical science enables a student to learn about the rules of the physical world in the following areas – chemistry and physics. This course is to provide students with the framework and skills necessary for those continuing education or entering vocations where such knowledge will be important. Students will be introduced to the content of the course on a mathematical and conceptual level. The physics part of the course will look at the laws of motion, energy, electricity, heat, sound and light. The chemistry portion will look at the elements, chemical bonding and chemical reactions. Students will be expected to participate in laboratory exercises and problem solving.

34015	PHYSICAL SCIENCE/LAB	Recommended: Prog. Req. 8 th Grade Science STC	Credit Wt. 0.00	Credit 1.00	Level R
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Physical science enables a student to learn about the rules of the physical world in the following areas – chemistry and physics. This course is to provide students with the framework and skills necessary for those continuing education or entering vocations where such knowledge will be important. Students will be introduced to the content of the course on a mathematical and conceptual level. The physics part of the course will look at the laws of motion, energy, electricity, heat, sound and light. The chemistry portion will look at the elements, chemical bonding and chemical reactions. Students will be expected to participate in laboratory exercises and problem solving. It is required for students enrolled in the Schuylkill Technology Center.

31309/31409	COLLEGE PREPARATORY PHYSICAL SCIENCE/LAB	Recommended: Science 8 Honors - 76% avg. Science 8 - 85% avg.	Credit Wt. 0.20	Credit 1.00	Level R
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This course is designed for the student who is considering continued education after high school or who has a strong interest in science. Physical science enables a student to learn about the rules of the physical world in the following areas – chemistry and physics. This course is to be used as a precursor for the chemistry and physics courses offered junior and senior year. Students will be introduced to the content of the course on a mathematical and conceptual level. The physics part of the course will look at the laws of motion, energy, electricity, heat, sound and light. The chemistry part will look at the elements, chemical bonding and chemical reactions. Students will be expected to participate in laboratory exercises and problem solving.

31509/31609	HONORS PHYSICAL SCIENCE/LAB	Recommended: Science 8 Honors - 93% avg. Principles of Algebra 8 - 93% avg. Honors Algebra I – 85% avg.	Credit Wt. 0.50	Credit 1.00	Level R
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This course is designed for the advanced student or those who have an exceptional interest and ability in science. Physical science enables a student to learn about the rules of the physical world in the following areas – chemistry and physics. This course is to be used as a precursor for the chemistry and physics courses offered junior and senior year. Students will be introduced to the content of the course on a mathematical and conceptual level. The physics part of the course will look at the laws of motion, energy, electricity, heat, sound and light. The chemistry part will look at the elements, chemical bonding and chemical reactions. Students will be expected to participate in laboratory exercises and problem solving. As an honors course, the student will be expected to cover the content in greater depth and at a more accelerated pace.

32112	BIOLOGY/LAB			
	Recommended:	Credit Wt.	Credit	Level
	Physical Science	0.00	1.00	R

Biology provides a basis for the understanding of the fundamental characteristics of living organisms. The course will cover the characteristics of living organisms, structure and function, heredity, microbiology and basic human anatomy and physiology. The Pennsylvania Standards for biological science will be emphasized. This course is intended for students not planning on science as a major or vocation. Following the successful completion of this course, students will be prepared to take the state-mandated Keystone Exam in Biology.

32309	COLLEGE PREPARATORY BIOLOGY/LAB			
	Recommended:	Credit Wt.	Credit	Level
	CP Phys. Science	0.20	1.00	R
	Physical Science - 93% avg.			

This course provides a basis for the student to understand the fundamental structure, function, heredity, evolution and organization of living organisms. The Pennsylvania Standards for Biological Sciences will be emphasized. The rigors of this course are intended to prepare students to cope with the expectations of higher education. Following the successful completion of this course, students will be prepared to take the state-mandated Keystone Exam in Biology.

32509/32609	HONORS BIOLOGY/LAB			
	Recommended:	Credit Wt.	Credit	Level
	CP Phys Science - 93% avg.	0.50	1.50	R
	Honors Phys Science - 85% avg.			

This course is recommended for the advanced student. It is also a prerequisite recommended for any student who may decide to elect the anatomy and physiology and/or AP biology electives. The organization, objectives, texts, resource materials and evaluation procedures of this course are somewhat similar to the college preparatory biology course. Some learning activities, content changes and experimentation have been added to enhance the special emphasis of an enriched course that is needed to prepare the student for further biological or scientific studies. Following the successful completion of this course, students will be prepared to take the state-mandated Keystone Exam in Biology.

33109	CHEMISTRY/LAB			
	Recommended:	Credit Wt.	Credit	Level
	Biology	0.00	1.00	R

The organization of the course presents a general investigation of matter and related topics as well as how chemistry is connected to society. The course will begin with properties, phases, and the general model of the atom. It will then investigate the forces involved in forming ionic and covalent compounds. It will also cover the classification of chemical reactions and the energy changes related with those reactions. This course is offered for students who may choose a career that is not related to science or as a major vocation.

33309	COLLEGE PREPARATORY CHEMISTRY/LAB			
	Recommended:	Credit Wt.	Credit	Level
	CP Biology	0.20	1.00	R
	CP Algebra II			

The organization of the course presents, through a rational, mathematical and hands-on laboratory approach. The investigation of matter and related topics. The course will begin with the general properties of matter, such as the basic phases, through construction of the atom, to the details of the electron. It will also investigate the nomenclature and forces involved in forming compounds, both ionic and covalent, as well as the stoichiometric, classification and energy associated with chemical reactions. It may also include investigation of acid/base chemical relationships.

33115/33215 HONORS CHEMISTRY/LAB

Recommended:	Credit Wt.	Credit	Level
CP Biology – 93% avg.	0.50	1.50	R
Hon Biology – 85% avg.			
CP Alg. II – 93% avg.			
Hon. Alg. II – 85% avg.			

This course is intended to give a foundation of the principles of chemistry and to develop basic laboratory technique. The principles will include an introduction to matter, proper measurement techniques, atomic theory, nomenclature, patterns in chemical reactions. Avogadro's number and stoichiometry, solution composition and stoichiometry, thermochemistry, electronic structure of atoms, periodic properties, basic concepts of bonding and molecular geometry, gas behavior, intermolecular forces, colligative properties of solutions, chemical kinetics, chemical and acid-base equilibrium, and electrochemistry.

33709/33809 ADVANCED PLACEMENT CHEMISTRY/LAB

Recommended:	Credit Wt.	Credit	Level
CP Biology – 93% avg.	1.00	1.50	R
Hon Biology – 85% avg.			

This course is intended to give an in-depth understanding of the principles of chemistry and to develop basic laboratory technique. The principles will include proper measurement techniques, with an overview of solution composition and stoichiometry. Additionally, the course will include in-depth study of thermochemistry, electronic structure of atoms, periodic properties, basic concepts of bonding and molecular geometry, gas behavior, intermolecular forces, chemical kinetics, chemical and acid-base equilibrium, buffers and the common-ion effect, entropy, Gibbs free energy, and electrochemistry. The final unit of the course will be to specifically prepare students for taking and passing the AP Chemistry Exam. Course content and objectives are established by the College Board Advanced Placement Program.

35109/35209 GENERAL LABORATORY SCIENCE

Recommended:	Credit Wt.	Credit	Level
Biology	0.00	1.00	R

This course covers applications of general science that connect to the real world and everyday life. It is especially designed for junior and senior students who do not plan to pursue a career in science. Topics are included from all fields of science in the Pennsylvania Science Standards: life science, physical science, earth science, and environmental science. The course is an activity-oriented program that allows students to utilize a variety of problem-solving skills in the world of technology. Themes from those activities range from investigations into various vocational industries to management of the valuable natural resources of the environment. Students are expected to participate in laboratory exercises.

33009 GENERAL LABORATORY SCIENCE

Recommended:	Prog. Req.	Credit Wt.	Credit	Level
Biology	STC	0.00	1.00	R

This science course is required of pupils who have chosen to enroll in the Schuylkill Technology Center. It covers applications of general science that connect to the real world and everyday life. Topics are included from all fields of science in the Pennsylvania Science Standards: life science, physical science, earth science, and environmental science. This course is an activity-oriented program that allows students to utilize a variety of problem-solving skills in the world of technology. Themes from those activities range from investigations into various vocational industries to management of the valuable natural resources of the environment. Students are expected to participate in laboratory exercises.

34309/34409 COLLEGE PREPARATORY PHYSICS /LAB

Recommended:	Credit Wt.	Credit	Level
CP Geometry	0.20	1.00	R

CP Physics is an algebra-based physics course that covers topics including mechanics, dynamics, rotational motion, work, power, energy, electricity, waves, light, and optics. Compared to AP Physics I or Honor Physics, there will be less emphasis on laboratory work; however, a limited number of lab activities will be performed. The level of mathematical rigor will also be less than that of Honors or AP Physics I, but students should still have a basic mathematical knowledge that includes algebra and geometry.

34115/34215	HONORS PHYSICS/LAB			
	Recommended:	Credit Wt.	Credit	Level
	CP Geom. - 93% avg.	0.50	1.50	R
	Honors Geom. - 85% avg.			

Honors Physics is an algebra-based physics course designed for students who desire acceleration in the field of physics. The topics covered in this class include mechanics, dynamics, rotational motion, work, power, energy, electricity, waves, light, and optics. The course also has a strong emphasis on laboratory work, providing a mixture of both structured lab activities and inquiry-based lab activities. The object of this course is to gain an understanding of basic physical principles and the application of those principles in solving problems. Students enrolled in the course should have a background in mathematics, including algebra and geometry.

34714/34814	ADVANCED PLACEMENT PHYSICS 1/LAB			
	Recommended:	Credit Wt.	Credit	Level
	CP Algebra III/CP Trig.- 93% avg.	1.00	1.50	R
	Honors Pre-calculus - 85% avg.			

AP Physics I is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. This course also requires that at least 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry –based investigations that will require students to ask questions, make observations and predictions, design experiments, analyze data, and construct arguments in a collaborative setting, where they direct and monitor their progress. All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year.

35310/35410	COLLEGE PREP ANATOMY & MICROBIOLOGY/LAB			<i>Elective 11 & 12</i>
	Recommended:	Credit Wt.	Credit	Level
	Health	0.20	1.00	R
	CP Bio/Lab –80% avg.			

This course is an elective offered to students who are considering a career in a health-related field. The course will be divided into two major areas – anatomy and microbiology. The content will include basic anatomical and physiological studies on the human body, with emphasis placed on specific systems. A basic overview of microbiology will also be examined through a biological understanding of microbes to an immunological awareness. The course is organized through a systematic approach which will include laboratory exercises that correspond to the specific topics addressed.

35509/35609	HONORS HUMAN ANATOMY & PHYSIOLOGY/LAB			<i>Elective 11 & 12</i>
	Recommended:	Credit Wt.	Credit	Level
	Health	0.50	1.00	R
	CP Biology/Lab- 90% avg.			
	Honors Biology/Lab- 85% avg.			

This course is an elective offered to those who are considering careers in a health-related field. The text contains more than sufficient material to provide the students with a strong, introductory knowledge of human anatomy and physiology. The course organization follows a systematic approach to anatomy and physiology. Each unit first presents the structural background of the system followed by a discussion of the system's physiology to provide an understanding of the biological processes. A final section of pathology provides continuity for illustrating the relationship of homeostasis and the human body. Laboratory experiences are stressed and organized to correspond with the units in the text. Course content is kept current through a variety of class activities.

35709/35809	ADVANCED PLACEMENT BIOLOGY/LAB			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	CP Biology	1.00	1.50	R
	Recommended:			
	CP Biology – 90% avg.			
	Honors Biology – 85% avg.			
	Concurrent or completed CP or AP Chem.			

AP Biology is offered as an elective to college bound students who are considering majoring in the Biological sciences or Allied Health Fields. The content and objectives of this course have been approved by the College Board. Students taking this course should expect the same rigor and expectations as a college freshman would experience. All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year. A copy of the course syllabus is available upon request.

36514/36614	ENVIRONMENTAL SCIENCE			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Biology	0.00	1.00	R

The major goal of this course is to provide students with the opportunity to become more knowledgeable, skilled, and dedicated citizens who work both individually and in groups to achieve equilibrium between quality of life and preservation of the environment. Since environmental quality has a direct effect on the quality of life and humans are the main controllers of that environment, it is imperative to educate future citizens with environmental awareness, knowledge, and understanding through the use of text, case studies, and hands-on activities. This course shall impress upon students the ideology that improvement of our environment is necessary for successes of present and future human generations. In this course includes all aspects of the environment: natural, technological, social, economic, political, cultural, aesthetics, and their interdependence. Through the primary use of concrete, direct experiences, the instruction includes the following competencies: natural resource conservation, ecological concepts, physical and biological factors of the environment, human environmental interactions, applications to society, citizen involvement, problem resolution, the relationship of science, technology, and society, and problem-solving skills. An environmental science course is inclusive of ecological, conservation, and outdoor education programs.

36709/36809	ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE/LAB			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	CP Biology	1.00	1.00	R
	Recommended:			
	CP Biology – 85% avg.			
	Honors Biology – 85% avg.			
	Concurrent or completed CP or AP Chem.			

AP Environmental Science is offered as an elective to college bound students who are considering majoring the Environmental sciences or other Allied fields. The content and objectives of this course have been approved by the College Board. Students taking this course should expect the same rigor and expectations as a college freshman would experience. Many colleges offer credit for a score of 4 or 5 (5 being the highest) on the AP Exam. A copy of the course syllabus is available upon request. All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year.

32711	COLLEGE PREP GLOBAL SUSTAINABILITY			<i>Elective 10 - 12</i>
	Recommended:	Credit Wt.	Credit	Level
	Physical Science	0.20	0.50	R

This course will begin by covering the causes of the current “crisis of sustainability.” The effect of the Industrial Revolution and Green Revolution will be discussed. Population growth and issues involved, changes in farming, fishing, and urbanization will be explored. The effects of these changes on the quality and quantity of our soil, water, and natural resources is an important theme in the class. As developing countries such as China and India seek the living standards of western countries, this course will examine the individual consumption of all countries and how global standards can be raised and/or maintained in a sustainable manner. Issues involved with global climate change will be explored in depth. Finally, students will study solutions to current global sustainability issues, including conservation efforts and energy innovations. The culmination of this course will be the development of an action plan for individual and community change to address problems of sustainability.

31717	INTRODUCTION TO STEM			
		Credit Wt.	Credit	Level
		0.20	0.50	R

Introduction to STEM (Science, Technology, Engineering & Math) provides hands-on opportunities that introduce students to topics related to science, math and engineering. In this semester course, students will work through the scientific process using a variety of technology-based research and presentation tools to report their findings. Activities are focused around theme related content using resources and actions to help students develop individual and teamwork skills. They will also cover several areas, such as how to: (1) apply engineering design, (2) use processes to produce artifacts and systems, (3) use devices, tools and systems safely and appropriately, and (4) assess impacts on society and the environment

31717A	HONORS STEM II			
	Prerequisite:	Credit Wt.	Credit	Level
	Intro to STEM.	0.50	0.50	R

Honors Applied Technologies offers an exposure to advanced scientific topics including microprocessors and circuits, geographic information systems, and product engineering in an environment that promotes data acquisition and analysis, research, and presentation skills. STEM (Science Technology Engineering and Mathematics) careers are some of the most rapidly growing fields in today’s work force. The focus of the class will be project-based learning which develops a student’s ability to integrate the skills necessary for careers in science and technology. This is a project-based classroom. Each unit of study explores current advancements in STEM related fields while focusing on different areas of Science. It is highly suggested that students entering this class have had an advanced mathematics class, preferably pre-calculus, and at least one Advanced Placement science class. Students must be comfortable with working independently and in groups to complete in-class activities and projects. Students will be expected to design, construct and participate in STEM competitions.

34318	HONORS ORGANIC CHEMISTRY			<i>Elective 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Honors Chemistry	0.50	0.50	R

This course is designed to introduce college level organic chemistry. It is intended for students that have had CP, Honors, or AP Chemistry and for those that plan to major in a science field in college. We will study organic nomenclature, the relationship between functional groups and molecular structure, the major classes of reactions, reaction mechanisms, synthesis of organic molecules, as well as various spectroscopic techniques. We will also become familiar with names and functions of organic chemistry laboratory glassware. Labs will be done when appropriate based on availability of materials, time, and relevance to the curriculum.

33318

INTRODUCTION TO EARTH / SPACE SCIENCE

Elective 11 & 12

Credit Wt.

Credit

Level

0.00

0.50

R

This course is designed to provide an understanding of Earth and Space science. It is intended for students of all ability levels. We will study tectonics and internal Earth processes, Earth materials and surface processes, a history of the Earth and its life-forms, along with Earth's atmosphere and hydrosphere. Additionally, we will study Astronomy topics including the Earth-Moon-Sun relationship, characteristics of our solar system, characteristics of stars and the processes that occur within them, and theories about the origin of the universe. I also plan to include any current events involving global climate discussions as well as astrological observation opportunities in our night sky.

MATHEMATICS OFFERINGS

40114/40214	ALGEBRA I			
	Prerequisite:	Credit Wt.	Credit	Level
	8 th Grade Math	0	1.00	R

This first course in algebra is meant to prepare the student for further study in algebra and geometry. The course follows the SAS guidelines and the preparation of the course culminates with the students taking the Keystone Exam in Algebra I. Topics to be studied include operations on real numbers, solving linear equations, solving linear inequalities, functions, coordinate geometry, data analysis, and polynomials. *A scientific calculator is required for this course.*

40314/40414	COLLEGE PREPARATORY ALGEBRA I			
	Recommended:	Credit Wt.	Credit	Level
	Principles of Algebra 8	0.20	1.00	R

This first course in algebra is meant to prepare the student for further study in algebra and geometry. The course follows the SAS guidelines and the preparation of the course culminates with the students taking the Keystone Exam in Algebra I. Topics to be studied include operations on real numbers, solving linear equations, solving linear inequalities, functions, coordinate geometry, data analysis, and polynomials. Students taking this course will be expected to cover course content in greater depth than the Algebra I course. *A scientific calculator is required for this course.*

40514/40614	HONORS ALGEBRA I			
	Recommended:	Credit Wt.	Credit	Level
	Principles of Algebra 8 – 93% Avg.	0.50	1.00	R

This first course in algebra is meant to prepare the student for further study in algebra and geometry. The course follows the SAS guidelines and the preparation of the course culminates with the students taking the Keystone Exam in Algebra I. Topics to be studied include operations on real numbers, solving linear equations, solving linear inequalities, functions, coordinate geometry, data analysis, and polynomials. Students taking this course will be expected to cover course content in greater depth and at a more accelerated pace than the College Preparatory Algebra I course. In addition, other topics may be introduced as part of this course. *A scientific calculator is required for this course.*

41114/41214	ALGEBRA II			
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra I	0	1.00	R

This second course in algebra is meant to further the student's study of algebra and prepare the student for geometry. This course follows the Algebra I course and builds on the content and skills of that course. Topics to be studied may include but are not limited to solving polynomial equations, graphing quadratic equations, the quadratic formula, radicals, and rational exponents. *A scientific calculator is required for this course.*

41314/41414	COLLEGE PREPARATORY ALGEBRA II			
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra I	0.20	1.00	R
	Recommended:			
	CP Algebra I			

This second course in algebra is meant to further the student's study of algebra and prepare the student for geometry. The course follows the SAS guidelines. Topics to be studied include operations on real and complex numbers, working with non-linear expressions, solving non-linear equations, functions and graphing, data analysis, and polynomials. Students taking this course will be expected to cover course content in greater depth than the Algebra II course. *A scientific calculator is required for this course.*

41514/41614	HONORS ALGEBRA II			
	Prerequisite:	Credit Wt.	Credit	Level
	CP Algebra I	0.50	1.00	R
	Recommended:			
	Honors Algebra I – 85% avg. or			
	CP Algebra I – 93% avg.			

This second course in algebra is meant to further the student’s study of algebra and prepare the student for geometry. The course follows the SAS guidelines. Topics to be studied include operations on real and complex numbers, working with non-linear expressions, solving non-linear equations, functions and graphing, data analysis, and polynomials. Students taking this course will be expected to cover course content in greater depth and at a more accelerated pace than the College Preparatory Algebra II course. In addition, other topics may be introduced as time allows. *A scientific calculator is required for this course.*

42109/42209	GEOMETRY			
	Recommended:	Credit Wt.	Credit	Level
	Algebra II	0.00	1.00	R

This course employs an interactive, workplace-centered approach to learning geometric concepts. It is ideal for contextual learners. Geometric concepts are introduced, practiced, and applied in the context of the workplace. Students are encouraged to become active learners as they interact with the text to discover how a concept works, while increasing their capacity for problem solving. This course does not include the rigor of the CP Geometry course, but covers many of the same concepts including points, lines, planes, angles, congruence, triangles, circles, area, volume, right angle relationships, and similarity. *A scientific calculator is required for this course.*

42309/42409	COLLEGE PREPARATORY GEOMETRY			
	Recommended:	Credit Wt.	Credit	Level
	CP Algebra II	0.20	1.00	R

CP Geometry is a course designed to develop logically deductive reasoning. It involves the study of the basic geometric figures, which include points, lines, planes, triangles, circles, parallelograms and other polygons. It also emphasizes the use of proofs, the right triangle relationships, the calculation of perimeter, area and volume, and the relationship of arcs and angles in circles. *A scientific calculator is required for this course.*

42509/42609	HONORS GEOMETRY			
	Recommended:	Credit Wt.	Credit	Level
	CP Algebra II - 93% avg. or	0.50	1.00	R
	Hon Algebra II - 85% avg.			

Honors Geometry is a college preparatory course designed to develop logically deductive reasoning. It involves the study of the basic geometric figures, which include points, lines, planes, triangles, circles, parallelograms and other polygons. It also emphasizes the use of proofs, the right triangle relationships, the calculation of perimeter, area, and volume, the relationship of arcs and angles in circles, and the use of coordinate geometry. Students in the Honors Geometry course will be expected to cover course content in greater depth and at a more accelerated pace than the CP Geometry course. In addition, other topics may be introduced as time permits. *A scientific calculator is required for this course.*

43114	ALGEBRA III			
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra II	0.00	0.50	R
	Recommended:			
	Geometry			

Algebra III is a semester course designed to provide students with the fundamental algebraic concepts and skills necessary for the further study of mathematics and other related subjects. The course begins with a brief, but solid review of algebra

skills from previous courses and then dives deeper into linear algebraic concepts, quadratic equations, and other topics of importance. *A scientific calculator is required for this course.*

43214	STATISTICS & PROBABILITY			
	Recommended:	Credit Wt.	Credit	Level
	Algebra II	0.00	0.50	R

Statistics and Probability is a course designed to develop the mathematical concepts involved in the analysis, interpretation, and presentations of masses of numerical data. It will include the study of the fundamental counting rule, permutation, combinations, probability, set theory, Venn diagrams, frequency distributions, sampling, and analysis of data. *A scientific calculator is required for this course.*

43314	COLLEGE PREPARATORY ALGEBRA III			
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra II	0.20	0.50	R
	Recommended:			
	CP Geometry			

College Preparatory Algebra III is a semester course designed to provide students with the fundamental algebraic concepts and skills necessary for the further study of mathematics and other related subjects. The course begins with a brief, but solid review of algebra skills from previous courses and then dives deeper into linear algebraic concepts, quadratic equations, and other topics of importance. Students enrolled in this course will be expected to cover material in greater depth and at a faster pace than the Algebra III course. *A scientific calculator is required for this course.*

43414	COLLEGE PREPARATORY TRIGONOMETRY			
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra II	0.20	0.50	R
	Recommended:			
	CP Geometry			

Trigonometry is a semester course designed to provide students with the fundamental trigonometric concepts and skills necessary for the further study of mathematics and other related subjects. Trigonometry is designed to ensure that students will master the trigonometric skills and concepts necessary for use in future mathematics courses and in related disciplines. *A scientific calculator is required for this course.*

43509/43609	HONORS PRE-CALCULUS			
	Prerequisite:	Credit Wt.	Credit	Level
	CP Alg. II	0.50	1.00	R
	Recommended:			
	CP Alg. II – 90% avg.			
	Honors Alg. II – 80% avg.			
	CP/Hon. Geom. or Concurrent with CP/Honors Geometry			

Honors Pre-calculus is a mathematics course designed to prepare the college preparatory student for calculus. Initially, fundamental algebraic and geometric principles are reviewed. Next, the course emphasizes various functions and their graphs, including quadratic, polynomial, exponential, logarithmic, circular, and trigonometric functions. *A scientific calculator is required for this course.*

43711/43811	ADVANCED PLACEMENT CALCULUS AB			<i>Elective 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Honors Pre-calculus	1.00	1.00	R

Calculus is offered as a major elective course for college preparatory students who have demonstrated a high-level of achievement in mathematics. The intent of this course is to present the theoretical structure of calculus as simple as possible without excessive concern about subtleties. The course is problem-oriented and designed for a combined analytic geometry-calculus course that covers limits, derivatives, integrals, and problem-solving applications of polynomial, exponential, logarithmic, and trigonometric functions. Students in the AP Calculus AB course will be required to take the AP Calculus AB Exam developed by the College Board.

43721/43821	ADVANCED PLACEMENT CALCULUS BC			<i>Elective 12</i>
	Prerequisite	Credit Wt.	Credit	Level
	AP Calculus AB	1.00	1.00	R

Calculus is offered as a major elective course for college preparatory students who have demonstrated a high-level of achievement in mathematics. The intent of this course is to present the theoretical structure of calculus as simple as possible without excessive concern about subtleties. The Calculus BC course is problem-oriented and designed for a combined analytic geometry-calculus course that covers all the topics of the Calculus AB course in addition to the topics of special integration techniques, polar equations, parametric equations, vector functions, and infinite sequence and series. Students in the AP Calculus BC course will be required to take the AP Calculus BC Exam developed by the College Board.

44709/44809	ADVANCED PLACEMENT STATISTICS			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	CP Algebra II	1.00	1.00	R

This course is designed as an elective for college preparatory students who have demonstrated high-level achievement in mathematics. Topics of discussion will encompass descriptive and inferential statistics to include sampling and survey techniques, descriptive statistics, probability, counting methods, the normal curve and its applications, confidence intervals, hypothesis testing, and regression analysis. In addition to normal course work, the students will be expected to complete a statistical survey project related to the course. Students in the AP Statistics course will be required to take the AP Statistics Exam developed by the College Board.

44511/44611	COLLEGE PREP STATISTICS			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Algebra II	0.20	1.00	R
	Recommended:			
	CP Algebra II			

College preparatory statistics is a course designed to develop the mathematical concepts involved in the analysis, interpretation, and presentation of masses of numerical data. The course will cover the two branches of statistics: descriptive and inferential. During the first semester, topics to be covered include the study of surveys and experimental design, measures of central tendency, dispersion, and position, analysis of data, counting principles, discrete and continuous probability distributions. During the second semester, topics to be covered include sampling, hypothesis testing, linear regression and regression analysis. *A scientific calculator is required for this course.*

44609	DISCRETE MATHEMATICS			<i>Elective 11 & 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	CP Alg. II	0.20	0.50	R

This semester course is designed as an elective for the serious math student. The course will explore the following units: logic, set theory, functions, relations, matrices, sequence and series, recursion, inductive proof, graph theory, and trees. This course is intended for students planning post-secondary study in mathematics, science and computer science fields. *A scientific calculator is required for this course.*

44619	FINANCIAL MATHEMATICS			<i>Elective 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	CP Algebra II	0.00	0.50	R

This semester course is designed to further the student's knowledge of real-life functional math skills. Emphasis is placed on earning money by computing weekly and annual gross and net wages, determining daily and weekly hours worked including overtime and determining wages for salaries and piecework. Students are instructed in how to be a thrifty consumer in the public market place by investigating big purchases (i.e. cars and houses) and daily or weekly purchases. The course focuses on how to manage money with credit cards, investments, and everyday living. *A scientific calculator is required for this course.*

Budgeting finances is an ongoing theme throughout the course. This course is intended for any student who plans to be a productive member of society and wants a hands-on preview of real-life situations.

42816	SAT TEST PREP			
	Prerequisite:	Credit Wt.	Credit	Level
	Alg. II	0.20	0.50	R

This elective course is for eleventh grade college preparatory students to provide a systematic method for preparing for the PSAT, SAT, or ACT. The course will consist of study materials by experienced educators along with comprehensive sample examinations for each type of test. Students will learn effective test-taking strategies to maximize efficiency on the mathematics and verbal sections of the SAT exams. With these experiences in his/her backgrounds, the student should be able to approach the PSAT, SAT, or the ACT with confidence. One nine-week period will focus on the mathematics test skills and the other nine-week period will focus on the verbal test skills. As the college entrance tests change, course content will be updated. *A scientific calculator is required for this course.*

PHYSICAL EDUCATION AND HEALTH OFFERINGS

50109 PHYSICAL EDUCATION I

Credit Wt.	Credit	Level
0.00	0.30	M

This physical education program helps students develop a healthy lifestyle that includes appropriate activities, knowledge and attitudes for all stages of life. The primary goal of this course is to provide instruction that will guide students in their quest for a lifetime of fitness and the pursuit of learning through movement, activity, training, and play. This course provides an opportunity for students to perform in a variety of competitive sports, both individual and team. This course will meet 4x a cycle for a semester.

50209 PHYSICAL EDUCATION II

Credit Wt.	Credit	Level
0.00	0.50	M

This physical education program helps students develop a healthy lifestyle that includes appropriate activities, knowledge and attitudes for all stages of life. The primary goal of this course is to provide instruction that will guide students in their quest for a lifetime of fitness and the pursuit of learning through movement, activity, training, and play. This course provides an opportunity for students to perform in a variety of competitive sports, both individual and team. Additionally, this course is built around health and skill-related fitness components and will be addressed through a number of activities, current training principles, and game play. This course will meet 6x a cycle for a semester.

50218 PHYSICAL EDUCATION II

Credit Wt.	Credit	Level
0.00	0.50	M

This physical education program helps students develop a healthy lifestyle that includes appropriate activities, knowledge and attitudes for all stages of life. The primary goal of this course is to provide instruction that will guide students in their quest for a lifetime of fitness and the pursuit of learning through movement, activity, training, and play. This course provides an opportunity for students to perform in a variety of competitive sports, both individual and team. Additionally, this course is built around health and skill-related fitness components and will be addressed through a number of activities, current training principles, and game play. This course will meet 3x a cycle for a year.

50314 PHYSICAL EDUCATION III/IV

Credit Wt.	Credit	Level
0.00	0.50	M

This physical education program helps students develop a healthy lifestyle that includes appropriate activities, knowledge and attitudes for all stages of life. The primary goal of this course is to provide instruction that will guide students in their quest for a lifetime of fitness and the pursuit of learning through movement, activity, training, and play. The students will also analyze the application of game strategies for different categories of physical activities to include individual, team, and lifetime sports. This course will meet 6x a cycle for a semester.

50317 PHYSICAL EDUCATION III/IV

Credit Wt.	Credit	Level
0.00	0.50	M

This physical education program helps students develop a healthy lifestyle that includes appropriate activities, knowledge and attitudes for all stages of life. The primary goal of this course is to provide instruction that will guide students in their quest for a lifetime of fitness and the pursuit of learning through movement, activity, training, and play. The students will also analyze the application of game strategies for different categories of physical activities to include individual, team, and lifetime sports. This course will meet 3x a cycle for a year.

099 ADAPTED PHYSICAL EDUCATION

Credit Wt.	Credit	Level
0.00	0.50	M

State law requires that all students be enrolled in a course of physical education. Adapted physical education is specifically designed to fit the needs of individual students who are unable to participate in the regular physical education program because of specific limitations as determined by a physician, the school nurse, or the physical education instructor. **This course will meet 6x a cycle for a semester.**

52209 HEALTH

Credit Wt.	Credit	Level
0.00	0.50	R

This course covers anatomy and physiology, and the various diseases and medical problems related to each system. This course also helps the student understand some of the personality and emotional changes that occur during adolescence and how to cope with these issues. The areas of bullying, drugs, alcohol, tobacco, human sexuality, sexually transmitted diseases and AIDS are covered. In addition (according to Act 7), each student will be required to receive “Hands only CPR.” This class will meet 6x per cycle for a semester.

53311 INTRODUCTION TO SPORTS MEDICINE*Elective 11 & 12*

Recommended:	Credit Wt.	Credit	Level
Health – 85% avg.	0.20	0.50	R

This is an elective course designed for students interested in the fields of athletic training, physical therapy, occupational therapy, fitness, exercise physiology, kinesiology, nutrition and other health care fields. The course will introduce basic sports medicine concepts including prevention, recognition, evaluation, immediate care and rehabilitation of athletic injuries. Students will be exposed to the sciences within the allied health professions and have an opportunity to apply their knowledge in real world situations. This class will meet 6x per cycle for a semester.

53319 FIRST AID, CPR & AED*Elective 11 & 12*

Recommended:	Credit Wt.	Credit	Level
Health – 85% avg.	0.20	0.50	R

The Heart Saver First Aid, CPR & AED courses are designed to prepare students first aid, CPR, and AED use in a safe, timely, and effective manner. Each student will gain knowledge and understanding of the heart saver components and will become certified in adult, child, and infant CPR as well as AED. The CPR curriculum will be based on the American Heart Association requirements. This course will also include several First Aid components that are critical for emergency responders, including, but not limited to emergency action steps, techniques, and specific injuries. **This course will meet 6x a cycle for a semester.**

DRIVER EDUCATION OFFERINGS**52309 DRIVER EDUCATION**

Credit Wt.	Credit	Level
0.00	0.20	M

The theory or classroom phase of driver education is that part of the course in which basic concepts of safe driving are taught. These basic concepts consist of a knowledge of the rules of the road, of forces of nature that affect driving, of basic maneuvers needed for driving, and of the development in each student of a good attitude toward driving. The course will meet 2x per cycle for a semester.

BEHIND THE WHEEL

Credit Wt.	Credit	Level
0.00	0.00	M

Behind-the-wheel driver education is the practical part of the course and teaches those skills needed to operate a vehicle safely on our highways. This phase of the course is voluntary and is offered to all students who have a valid operator's permit or license and have successfully completed the 30 hours of theory. The student is offered six hours of behind-the-wheel training. The training is scheduled during the summer. There is a registration fee for this course.

WORLD LANGUAGE OFFERINGS

62109/62209 FRENCH I

Credit Wt.	Credit	Level
0.20	1.00	R

French, a rapidly growing second language of the world, is offered at the Blue Mountain High School for *all* students who would like to learn about culture, customs and traditions in the French-Speaking communities here in the USA and abroad. Students learn to communicate with real-life vocabulary and conversations they will encounter if they travel, surf the Internet or meet new friends. Learning a second or third world language is encouraged, especially French, as it is projected to be world-widely spoken by 2030. Students who earned at least 80% in a level I course must schedule the level II course of the previously studied language or level I of an alternate language.

62309/62409 FRENCH II

Prerequisite:	Credit Wt.	Credit	Level
French I	0.20	1.00	R

French II students continue to learn relevant and interesting vocabulary in regards to community, health care, the arts and sciences, and the real-world, as the many French-Speaking countries are represented in organizations such as NATO, United Nations, the Olympics, and World Health. Culture, conversation and virtual field trips filled with sound and song are part of the daily learning objectives. Regardless of your academy choice or career pathway, there is something for you in French II.

62509/62609 HONORS FRENCH III

Prerequisite:	Credit Wt.	Credit	Level
French II	0.50	1.00	R

French III is intended to refine and increase the ability and confidence of the student in expressing himself/herself in the French language through the use of engaging and globally related topics such as diversity in family and community living, the history and culture of the regions of France, travelling and studying abroad, the arts and sciences, and business language. Any student who is interested in the culinary arts, performing arts and/or technology and engineering is invited to advance in your communication skills in French. It is an excellent investment in your future. Students scheduling level III or IV courses may be expected to work independently with advisement by the instructor if these courses are schedules with other levels given student request and teacher availability.

62709/62809 HONORS FRENCH IV

Prerequisite:	Credit Wt.	Credit	Level
Honors French III	0.50	1.00	R

French IV continues the relevance of intense vocabulary and grammar study. The student is given greater opportunity for oral and written expression. Cultural study centers on the great works of writers, poets, historians, musicians, performers, and global citizens. Combined with technology and the arts, this course focuses on hot topics, travel, conversation and international life. Students scheduling level III or IV courses may be expected to work independently with advisement by the instructor if these courses are schedules with other levels given student request and teacher availability.

64109/64209 SPANISH I

Credit Wt.	Credit	Level
0.20	1.00	R

Spanish I is geared toward proficiency in communication, comprehension, and comparisons between Spanish and English. The language is presented within the context of the contemporary Spanish-speaking world by focusing on culture, customs, and traditions in Spanish-speaking communities. Students learn to communicate effectively and express themselves with confidence. Students who earned at least 80% in a level I course must schedule the level II course or level I of an alternate language.

64309/64409	SPANISH II			
	Prerequisite:	Credit Wt.	Credit	Level
	Spanish I	0.20	1.00	R

Spanish II offers the student an opportunity to continue learning the grammar and the vocabulary of the language. It also provides a more extensive study of the various Spanish-speaking History and civilizations. The language skills of communication, comprehension, and culture combine with the standards of comparison, connections, and communities to enhance the student's proficiency in the language.

64509/64609	HONORS SPANISH III			
	Prerequisite:	Credit Wt.	Credit	Level
	Spanish II	0.50	1.00	R

Honors Spanish III is intended to refine and increase the ability of the student to express himself/herself in the language through the use of appropriate conversational and written material. Grammar is expanded. Cultural study includes short stories and readings on the culture and life of Spanish-speaking people.

64709/64809	HONORS SPANISH IV			
	Prerequisite:	Credit Wt.	Credit	Level
	Honors Spanish III	0.50	1.00	R

In Honors Spanish IV, the student applies skills acquired during the first three years. The student is given a greater opportunity for oral and written expression. Cultural study centers on great works of writers and statesmen, Hispanic legends, historical accounts, and articles on Hispanic cultural locations and customs as well as on current issues. All of the above enables the student to make the transition from reading simplified Spanish to more advanced material. **Students scheduling level IV or V courses may be expected to work independently with advisement by the instructor if these courses are scheduled with other levels given student requests and teacher availability.**

63118/63218	ADVANCED PLACEMENT SPANISH			
	Prerequisite:	Credit Wt.	Credit	Level
	Honors Spanish IV	1.00	1.00	R

This class will prepare students to take the Advanced Placement Spanish Language Exam. This course is for highly motivated students willing to do college level work. The class is conducted entirely in Spanish. Students will refine, review, and expand their communicative skills through reading, formal and informal writing, oral conversation, comprehension, listening skills, and a variety of methods including film study, periodical, literature, and cultural readings. An in-depth grammar review also is included and students are expected to interact with their peers in Spanish. Students will demonstrate their level of Spanish proficiency across the three modes of communication (interpersonal, interpretive, and presentational) and the five goal areas of communication, culture, connections, comparisons, and communities as outlined in the Standards for Foreign Language Learning in the 21st Century. All students enrolled in this course will be required to complete the AP exam developed by the College Board. AP Exams are administered in May of each school year.

BUSINESS EDUCATION AND COMPUTER OFFERINGS

70109	MICROSOFT OFFICE I	Credit Wt.	Credit	Level
		0.20	0.50	R

This course offers advanced training in the various components of Microsoft Office software; Word, Excel, and Power Point are the primary programs used in this semester course. Students will use critical thinking skills to complete a wide variety of tasks that integrate the applications. Students may have the option of taking three separate end of course exams (in Microsoft Office Word 2019 Core, Microsoft Office Excel 2019 Core, and Microsoft Office PowerPoint 2019) to gain a Microsoft Office Specialist (MOS) certificate upon successful completion of the exam(s).

70209	MICROSOFT OFFICE II			<i>Elective 9 - 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Microsoft Office I	0.20	0.50	R

This course continues the advanced training begun in Microsoft Office Components I. Access, PowerPoint, and Publisher are the primary programs used in this semester course. Software used in Microsoft Office Components I provide the secondary programs. Students will use critical thinking skills to complete a wide variety of tasks that integrate the applications. Students may have the option of taking three separate end-of-course exams (in Microsoft Office Word 2019 Core, Microsoft Office Excel 2019 Core, Microsoft Office PowerPoint 201, and Microsoft Office Access 2019) to gain a Microsoft Office Specialist (MOS) certificate upon successful completion of the exam(s). **This is a required course for all students to meet the Graduation Requirement within their career academy for “Technology”.**

72121	GAME PROGRAMMING AND DESIGN (C++)			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

Game Programming and Design is an introductory course to video game programming in 2D design. Students will learn the principals of programming with the use of C++ and C# to create games such as Guess My Number, Word Jumble, Hangman, Mad Lib, Tic-Tac-Toe, Critter Caretaker, and Blackjack. This course is designed to provide a solid foundation in the essentials of game design and the process of creating game assets.

71309	COMPUTER PROGRAMMING 1 (Python)			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

Our CS1 curriculum is a deep dive into the fundamentals of programming concepts and teaches **text-based coding using Python**. CS1 is predicated on the notion that learning about programming and computer science should be fun and engaging. In our introduction to programming course we expose students to graphics-based problem solving because it is visually engaging, allows for multiple correct solutions, and provides visual cues when a solution goes awry. The curriculum is adapted from Carnegie Mellon University CS1 for High School Students.

71409	COMPUTER PROGRAMMING 2 (Python)			<i>Elective 10 - 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Computer Programming 1	0.20	0.50	R

Our CS2 curriculum is a continued in-depth dive into advanced fundamentals of programming concepts and teaches **text-based coding using Python**. CS2 is predicated on the notion that learning about programming and computer science should be fun and engaging. In our introduction to programming course we exposed students to graphics-based problem solving because it is visually engaging, allows for multiple correct solutions, and provides visual cues when a solution goes awry. The curriculum is adapted from Carnegie Mellon University CS1 for High School Students

00315CS/ 00316CS	ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES (with Python & Java)			<i>Elective 10 – 12</i>
	Prerequisite: Computer Programming 2	Credit Wt. 1.00	Credit 1.00	Level R

Our Computer Science 1 curriculum is a deep dive into the fundamentals of programming concepts and teaches text-based coding using Python. CS1 is predicated on the notion that learning about programming and computer science should be fun and engaging. In our introduction to programming course we expose students to graphics-based problem solving because it is visually engaging, allows for multiple correct solutions, and provides visual cues when a solution goes awry. The curriculum is adapted from Carnegie Mellon University CS1 for High School Students.

72509/72609	HONORS ACCOUNTING			<i>Elective 10 - 12</i>
	Prerequisite: Principles of Acctg.	Credit Wt. 0.50	Credit 1.00	Level R

This full-year, honors level course will introduce students to basic personal and small business accounting principles and procedures, and will continue through more complex corporate accounting materials. Students will be able to experience basic and advanced accounting concepts through simulations, case studies, and computerized accounting procedures. This is an excellent course for students who will pursue a business major in their future.

73509/73609	HONORS FINANCE AND ECONOMICS			<i>Elective 11 & 12</i>
		Credit Wt. 0.50	Credit 1.00	Level R

The student taking this course will either be going to college to major in an area of business or want a more complete understanding of the world of finance and economics and their effect on each U.S. citizen. Among the Finance topics covered are the following items: Financial Assets, Financial Markets and the Investment Process, Financial Intermediaries and the Banking System (both domestically and globally), The Cost of Money, Business Organizations and the Tax Environment. Among the Economics topics covered are the following items: Money Management, Financial Security, Risk Management, and Consumer Rights and Responsibilities. **This is one of four options (one required) to meet the Graduation Requirement for all students (except STC) within their career academy for “Finance”.**

72309	PRINCIPLES OF MARKETING			<i>Elective 10 - 12</i>
		Credit Wt. 0.20	Credit 0.50	Level R

Marketing is the study of the exciting process of creating a relationship between a product and a customer. This semester course acquaints the student with basic marketing concepts and procedures involved in developing an effective strategy to sell a product.

72709/72809	BUSINESS ADMINISTRATION			<i>Elective 11 & 12</i>
		Credit Wt. 0.20	Credit 1.00	Level R

This course is designed for the student who is considering pursuing business administration at either a two-year or four-year institution beyond high school. The content of the course includes studies in all areas of business. In addition, students learn entrepreneurial skills through the creation, operation, and dissolution of their own business.

72409 PRINCIPLES OF ACCOUNTING*Elective 9 - 12*

Credit Wt.	Credit	Level
0.20	0.50	R

Principles of Accounting is an introductory course designed to give students a fundamental knowledge of accounting. The focus of the course is on a sole proprietorship for a service business. This course is beneficial to students on a personal level because it develops their critical thinking skills while teaching them to maintain their own financial records in the future. Enough subject matter will be given in the course for them to decide if it is a career choice (in which case, the student can choose to take the Honors Accounting course). Students are directed through the entire accounting cycle, which includes investing capital in a business, journalizing, posting to the ledger, and creating the financial statements necessary to maintain a profitable business.

71709/71809 Y.E.S. (YOUR EMPLOYABILITY SKILLS) [1-15]*Elective 10 - 12*

Credit Wt.	Credit	Level
0.20	1.00	R

This certificate course offers 120 hours of coursework that prepares students for the workforce. The certificate offered in the course is endorsed by many regional employers, and students completing the program are considered to be “preferred applicants” by employers throughout Pennsylvania. The Y.E.S. course prepares students for quality employment opportunities and provides the important “Foundation” of basic skills for success needed in any and every chosen career field. The certificate requirements are as follows: (1) 120 hours of curriculum training; (2) Minimum 95 percent attendance; (3) Passing a drug screening; (4) Passing the TABE Math and Reading Aptitude Tests; (5) Passing the Wonderlic Aptitude Test; and (6) Receiving a high school diploma. NOTE: This is a required course for STC students. Topics in the 1st half (Mods. 1-15) include personality development, teamwork, and communication. Personality Development involves challenge of change, time management, violence in the workplace, diversity/sexual harassment, entrepreneurship. Teamwork involves team effectiveness, assessment-personality values and style, goal setting, effective meeting skills. Communication involves all forms—verbal, nonverbal, active listening, giving and receiving feedback, writing skills, customer service, job-search skills. Students complete the Test of Adult Basic Education and Wonderlic Tests as a precursor to receiving the Northeast Manufacturers’ Association certificate. YES students participate in two field trips to local businesses and get to talk first-hand with business owners and/or human resources personnel. Several guest speakers are also provided throughout the semester. **This is a required course for all STC students to meet the Graduation Requirement within their career academy for “Communications”.**

71709/71809 Y.E.S. (YOUR EMPLOYABILITY SKILLS) [16-30]*Elective 10 - 12*

Credit Wt.	Credit	Level
0.20	1.00	R

This certificate course offers 120 hours of coursework that prepares students for the workforce. The certificate offered in the course is endorsed by many regional employers, and students completing the program are considered to be “preferred applicants” by employers throughout Pennsylvania. The Y.E.S. course prepares students for quality employment opportunities and provides the important “Foundation” of basic skills for success needed in any and every chosen career field. The certificate requirements are as follows: (1) 120 hours of curriculum training; (2) Minimum 95 percent attendance; (3) Passing a drug screening; (4) Passing the TABE Math and Reading Aptitude Tests; (5) Passing the Wonderlic Aptitude Test; and (6) Receiving a high school diploma. NOTE: This is a required course for STC students. Topics in the 2nd half (Mods 16-30) include job search methods, creating resumes and references, and business letters including a cover letter. Students are also taught how to properly prepare for a job interview. Every student in the class will have a mock interview with an outside business person.

Second semester of YES also includes lessons on time management, health and wellness, ergonomics, customer service and quality control. Students spend time learning personal finance strategies, including budgets and checking accounts. They are exposed to other areas like reading charts and graphs, six sigma and continuous improvement and the concept of paradigm shifting. YES students participate in two field trips to local businesses and get to talk first-hand with business owners and/or human resources personnel. Several guest speakers are also provided throughout the semester. **This is a required course for all STC students to meet the Graduation Requirement within their career academy for “Finance”. It is also one of four options (one required) to meet the “Finance” requirement for all other students.**

71117	BUSINESS AND PERSONAL LAW			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This semester course teaches law in its application to both business and personal situations. It supplements the business and economics topics presented in other courses by looking at the legal ramifications involved with typical business decision-making as well as introducing business law and ethics. Contracts, the role of the legal system, workplace laws, and consumer protection laws are discussed. The course also teaches students the importance of business ethics and social responsibility, which is a part of a person's everyday life.

71717	INTRODUCTION TO BUSINESS			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

As students prepare for college and for life, the subject of business affects them both personally and professionally. Introduction to Business touches on a variety of business topics. Items include, but are not limited to, Business Organization, Management and Business Leadership Skills, Marketing, Banking Services, Consumer Credit, Risk Management, Savings and Investment Strategies, and how the Global Economy affects our daily lives. This practical business course will help students form a foundation for other business classes offered by the Business/Computer Department.

71719	PERSONAL FINANCE			<i>Elective 11 & 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

As a student prepares for college and for life, he/she will be affected by business. This course touches on a variety of business topics including, but not limited to, basic business principles, student loans, mortgages, economics, personal finance, banking, interest rates, and managing your career. This practical business course will help students form a foundation for other business classes offered by the Business/Computer Department. **This is one of four options (one required) to meet the Graduation Requirement for all students (except STC) within their career academy for "Finance".**

01318/01418 INTERNSHIP*Elective 11 & 12*

Credit Wt.	Credit	Level
0.00 – 0.50	0.50 – 2.00	R

Internship programs offer students a “hands-on” opportunity to work in a desired field. Students will learn how their course of study applies to the “real world” and will build a valuable experience that makes them a stronger candidate for a job after graduation. An internship can be an excellent way to “try” out a certain career and is usually more of a temporary job, where students are rotated through a variety of departments. The duration of an internship is generally one semester and the number of hours can vary. Blue Mountain High School will be offering this opportunity for up to 2 periods per day (first thing in the morning or at the end of the afternoon), where the student will report to their internship (and will receive credit) – the same if they were in school taking a class. Students must have met or be currently enrolled in the necessary courses required for graduation. The internship program can yield between (0.5 – 2.0) credits upon successful completion of the program. Internships are available to current junior and senior students, and must relate to their current career academy area. A list of skills will be developed with the Co-op Education Coordinator and business entity prior to the internship. This list will determine the credit weighting of the internship (0.0 – 0.5). It is recommended that students be in good academic standing in order to participate in this program, or they must seek Principal approval. To enroll, see your Guidance Counselor or your school’s Co-op Coordinator.

01309/01409 COOPERATIVE EDUCATION (CO-OP)*Elective 11 & 12*

Credit Wt.	Credit	Level
0.00 – 0.50	0.50 – 2.00	R

Students must apply (and receive prior approval) to enter the Co-op Education program, and they must also meet the school requirements for graduation. They must meet with the Co-op Coordinator every week. Students can earn (0.5 – 2.0) credits for completing a successful Co-op program. They will be permitted to come in late or leave early for their job. A list of skills will be developed with the cooperative education coordinator and business prior to the internship. This list will determine the credit weighting of the internship (0.0 – 0.5). It is recommended that students be in good academic standing in order to participate in this program, or they must seek Principal approval. To enroll, see your Guidance Counselor or your school’s Co-op Coordinator.

FAMILY AND CONSUMER SCIENCE OFFERINGS

92309	CHILD DEVELOPMENT			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

Child development is a study of a child from birth to about 3 years old – physically, emotionally, socially, and intellectually. An in-depth study of pregnancy and the role of parents in the development and care of a child is also incorporated into the course.

92409	EARLY CHILDHOOD EDUCATION			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course combines the later years of child development and early childhood ed. It is particularly helpful for students considering the teaching profession for pre-school through elementary levels. An overview of the physical, emotional, and social and intellectual development of the child from ages 4 to 6 helps the student understand the children with which they will be dealing. The student will learn practical techniques for guiding children through daily routines and managing behavior, to understand nutrition and health care for young children and to create a safe, healthy learning environment. The student will plan developmentally appropriate curriculum and develop strategies for involving parents in a child care program. Child development is not a prerequisite for this course but is recommended.

92509	CULINARY ARTS I			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.00	0.50	R

Simple food preparation is covered in this course that begins with lessons on safety and sanitation, kitchen equipment, and cooking terminology. Following various curriculum topics, students will participate in the corresponding food labs including a Knife Skills Lab with cubing potatoes, dicing and mincing onions, Eggs 4 Ways, Rolled Biscuits, Quick Breads, Homemade Cookies, Cake in a Mug with Homemade Frosting, as well as a variety of student-interest food labs. Other areas of student throughout the semester will include shopping for foods, meal planning, and convenience foods.

92609	CULINARY ARTS II			<i>Elective 9 - 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Culinary Arts I	0.20	0.50	R

This course involves more advanced food preparation skills. The course will begin with a study of nutrition, weight control, and fitness. Following various curriculum topics, the students will participate in the corresponding food labs including Vegetarian Foods, Grains and Homemade Pastas, Casseroles and Stir-fries, and Homemade Pies and Pastries. Additional areas of study include meal planning and serving meals.

92711	GLOBAL FOODS			<i>Elective 9 - 12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Culinary I	0.20	0.50	R

This course includes the study of American regional foods as well as International foods. Students will study the culture and customs of different areas and their influence on regional food choices. They will plan menus, study the etiquette of other lands, and celebrate traditional world holidays. Studying global foods will broaden students' horizons, encouraging them to try new foods and respect and appreciate the cultural diversity of people.

92909	LIFE AFTER HIGH SCHOOL	Credit Wt.	Credit	<i>Elective 10 - 12</i>
		0.20	0.50	Level R

The course is designed to help students prepare themselves for life after high school. It involves practical everyday living skills such as handling a checking account, understanding credit, identifying bank services, what to look for when buying or renting a place to live, and car shopping skills. Also, the course summarizes the career selection process, types of insurances, and basic food shopping skills. **This is one of four options (one required) to meet the Graduation Project Requirement for all students (except STC) within their career academy for “Finance”.**

92717	PROJECTS IN DESIGN	Credit Wt.	Credit	<i>Elective 9 - 12</i>
		0.00	0.50	Level R

This course allows students to express themselves in very creative ways. The course teaches and reviews multiple assembly techniques such as hand sewing, machine sewing, and pattern design. Students will also learn how to operate a programmable embroidery machine, which includes the steps required to mass produce projects. This course is open to any interested students, no sewing experience required.

VISUAL ARTS OFFERINGS

93209/93309	HONORS PORTFOLIO PREPARATION		<i>Elective 12 Only</i>
	Prerequisite:	Credit Wt.	Level
	Drawing or Design, Art Talent 9 or 10, Another art elective and Teacher Recommendation	0.50	.50/1.00 R

This course is intended for students who will need to prepare a portfolio for admission to a post-secondary art program. Assignments will be designed to produce a well-structured, comprehensive portfolio reflecting quality, concentration and breadth of experience. Sketchbook and journal writing will be required. It can be scheduled first semester or for a year (recommended).

93409	DRAWING		<i>Elective 9-12</i>
		Credit Wt.	Level
		0.00	0.50 R

This foundation course is designed as an in-depth study of basic drawing skills. Emphasis will be placed on observation, composition, and interpretation. Students will have experience in contour, gesture and emotive line drawing and will develop skills in shading, proportion and perspective. Sketchbook and journal writing will be required including discussion of art history and art criticism. **This course should not be scheduled by students who have successfully completed Art Talent 9 or 10.**

93509	DRAWING II		<i>Elective 10-12</i>
	Prerequisite:	Credit Wt.	Level
	Drawing, Art Talent 9 or 10	0.50	0.50 R

Drawing II is a continuation of Drawing, building upon the basic drawing skills learned. Students will develop their abilities in both observational and interpretive drawing, portraiture, figure drawing, and perspective, combined with experiences in various media. Through the study of masterworks and a variety of drawing styles ranging from realism to abstraction, students will be encouraged to develop their own personal style. Art criticism, art history, and both peer and self-assessment will be components of the course. Sketchbook and journal writing are required.

93609	DESIGN and COMPOSITION		<i>Elective 9-12</i>
		Credit Wt.	Level
		0.00	0.50 R

This foundation course is intended as an introduction to the elements and principles of design, color theory and composition. Students will work on a variety of assignments designed to introduce art media and techniques. Students will study and discuss art history and art criticism. Sketchbook and journal writing will be required. **This course should not be scheduled by students who have successfully completed Art Talent 9 or 10.**

93709	PAINTING		<i>Elective 10-12</i>
	Prerequisite:	Credit Wt.	Level
	Drawing, Design, or Art Talent 9 or 10	0.20	0.50 R

This course will introduce students to different painting techniques in a variety of media, including watercolor, acrylic, and oil. Paintings will be developed based on both observation and interpretation, with experience in different styles ranging from realistic to non-objective. Students will be required to discuss art history and art criticism as part of journal writing and sketchbook assignments.

93809	HONORS PAINTING II			<i>Elective 10-12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Drawing, Design, or Art Talent 9 or 10 and Painting	0.50	0.50	R

A continuation of Painting, students will gain an advanced understanding of various painting techniques through a variety of assignments focused on using acrylic, oil, watercolor and gel medium/collage. Studies in art history and criticism will serve to develop personal aesthetics. Sketchbook and journal writing will be required.

94109	CERAMICS			<i>Elective 9-12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

Students will be introduced to clay as a medium and will learn the basic hand building techniques of pinch, coil, and slab. Students will also discuss art history and art criticism as an approach in the development of personal aesthetics. Sketchbook and journal writing will be required.

94209	CERAMICS II			<i>Elective 9-12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Ceramics	0.50	0.50	R

A continuation of Ceramics I, students will gain a better understanding of ceramic hand building techniques and finishing techniques through a variety of assignments focused on the methods of coiling, slab building and modeling. Studies in art history and criticism will serve to develop personal aesthetics. Sketchbook and journal writing will be required.

94309	3D DESIGN			<i>Elective 10-12</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Drawing, Design, or Art Talent 9 or 10 or Teacher Rec.	0.20	0.50	R

This course will introduce students to sculpture as an art form. Emphasis will be placed on media and techniques in order to gain a working knowledge of sculptural materials. Three-dimensional works will be created from observation and interpretation, through the techniques of carving, modeling, and constructing. Studies in art history and criticism will serve to help students develop a personal aesthetic. Sketchbook and journal writing will be required.

94609	ART TALENT 9			<i>Elective 9</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Art Talent 8 or Portfolio Assessment and Teacher Recommendation	0.20	0.50	R

This foundation course is designed for serious art students with strong interest and background in the visual arts. Students will be introduced to a range of art media and techniques, with emphasis on the development of observational skills and the use of the elements and principles of design. Art history and art criticism will be integral parts of instruction. Research, journal writing, and a sketchbook will be required.

94809	ART TALENT 10			<i>Elective 10</i>
	Prerequisite:	Credit Wt.	Credit	Level
	Art Talent 9 or Portfolio Assessment and Teacher Recommendation	0.20	0.50	R

This course is designed for serious art students and builds upon skills taught in Art Talent 9. Students will have the opportunity to work with a variety of media and techniques, both two dimensionally and three dimensionally, with an emphasis on design concepts. Art history and art criticism will be integral parts of instruction, and a sketchbook and journal will be required.

26016/26116	ADVANCED PLACEMENT ART HISTORY			<i>Elective 11& 12</i>
	Recommended:	Credit Wt.	Credit	Level
	CP World History - 93% avg. AP World History - 85% avg.	1.00	1.00	R

The AP Art History course is designed to provide students with a collegiate level Art History survey course that examines major forms of visual artistic expression (painting, sculpture, architecture, photography) from both Western and non-Western History across world history. In this course, students will look at 250 individual pieces of art from the traditions of Europe, Africa, South Asia, China, Japan, Native America, Islam, and Pacific Island peoples. Students will acquire the ability to examine works of art critically, understand how they were made, by whom, for what reasons, and evaluate their impact on the world around us. It is recommended, but not required, that students that AP Art History in conjunction with World History or AP World History due to the global nature of the course. The AP Art History class is designed to prepare students to be successful on the AP Art History Exam and is to be considered a university level course in terms of its difficulty.

90413	ARCHITECTURAL DESIGN			<i>Elective 10 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course will introduce the basic principles and methods of design as applied to architecture. Basic design theories and strategies related to the development of spatial concepts in architectural design, including composition, color, form, relationship of elements will be applied in the development of 2-D and 3-D design projects. This course further emphasizes the architectural design process while relating these principles to general construction practices.

Architectural Design is a course in which the student will express themselves visually and be able to showcase their creativity. Instruction will be given in the following areas: elements of design, architectural history, technical drafting, sketching, and computer design. The course will give the students confidence in organizing ideas and the ability to work ideas into new and useful creations.

PREREQUISITE: None

91717	GRAPHIC DESIGN I		<i>Elective 9 -12</i>	
		Credit Wt.	Credit	Level
		0.00	0.5	R

This course introduces students to the principles of graphic design and visual communication. Emphasis will be placed on the design-process using methods, strategies and techniques to create original student artwork. Students will apply their knowledge of the elements and principles of design in order to strengthen their ability to visually communicate ideas. We will explore a range of design techniques using various art materials and software programs such as Adobe Photoshop and Illustrator. Students will learn how to critique artwork in an effective way. Students will learn about the origins of graphic design in the history of art. Students will be exposed to a variety of disciplines within the Graphic Design field, which include but are not limited to logo design, marketing design, screen printing, vinyl design, poster design, typography, packaging design and illustration.

91511	GRAPHIC DESIGN II		<i>Elective 10 -12</i>	
		Credit Wt.	Credit	Level
		0.00	0.50	R

This course provides a course to build upon the skills learned in Graphic Design I. Students will develop a deeper understanding in communication art. Students will learn software such as Adobe Photoshop, Adobe Illustrator, and Adobe InDesign. Topics may include commercial design, advertisement design, creating a movie trailer, logo design, brochure and magazine layout design, and basic digital photography.

PREREQUISITE: Graphic Design I

91809	EXPLORING PHOTOGRAPHY		<i>Elective 10 -12</i>	
		Credit Wt.	Credit	Level
		0.00	0.50	R

In this art course, students will learn how to use a 35mm film camera, digital camera as well as the basics of Adobe Photoshop. Students have the opportunity to develop their own black and white film and enlarge their own photographs. Topics include: constructing and using a pinhole camera, photograms, 35mm film developing, basic and experimental darkroom techniques and digital manipulation. Students will also study significant photographers in history. All of the camera techniques learned in this course can be applied to the most advanced digital cameras. Cameras are available for student use.

91209P	ADVANCED STUDIO IN PHOTOGRAPHY		<i>Elective 10 - 12</i>	
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course is designed to meet the needs of students who wish to learn advanced techniques in photography. Students will build upon skills learned in the Exploring Photography course. Topics may include: documentary photography (photojournalism), studio photography (portrait lighting techniques), how to build strong compositions, operation of a DSLR (digital single lens reflex) camera, and advanced Photoshop techniques. Students are encouraged to develop their own personal vision and style. Students have the opportunity to submit work to competitions throughout the year.

91621	ART-REPRENEUR – ART AS A BUSINESS		<i>Elective 9 - 12</i>	
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course will introduce students to the possibilities and practical aspects of using their artwork to create a business. Students will brainstorm as individuals and as a team to create works of art that others can purchase including screen printed shirts, vinyl sticker design items such as car decals, mugs, and iron-on vinyl for t-shirts. Items will be sold online and in the school coffee shop. Topics may include: art as a business, how to start a business in the art field, screen printing, sticker design and digital photography

92114	DIGITAL MEDIA I		<i>Elective 10 -12</i>	
		Credit Wt.	Credit	Level
		0.20	0.50	R

Digital Media I is a course that teaches students the ever-changing digital world, as well as providing a hands-on experience with graphic computer software and equipment. The curriculum covers a wide range of topics, therefore it appeals to a diverse group of students. Topics covered may include basics in graphic design, introduction to animation, audio production, video production, and web design.

Programs: Illustrator, Photoshop, Animate, Audition, Premier Pro

PREREQUISITE: None

92214	DIGITAL MEDIA II	Credit Wt. 0.20	Credit 0.50	Elective 10-12 Level R
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This course is intended to further students' knowledge in the field of Digital Media with hands-on projects and real-world activities. Students develop an e-portfolio containing their projects related to personal career goals and developed in this course through guided practice and independent practice. This course is based upon the development of a specific set of skills that would be required in the field of Digital Media.

Programs: Photoshop, Illustrator, InDesign, Animate, Audition, Premier Pro

PREREQUISITE: Digital Media I

11917/11217	TV STUDIO I	Prerequisite: None	Credit Wt. 0.20	Credit 0.5	Level R
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This semester course will introduce students to the electronic media of video production with a focus on visual storytelling and writing for broadcast in a studio setting. Students will learn various aspects of working in a TV studio and doing interviews. Students will learn audio, lighting, and effective camera techniques. Students will learn non-linear video editing with iMovie or equivalent program and how to prepare and distribute media online.

11818/11918	TV STUDIO II	Prerequisite: TV Studio I	Credit Wt. 0.20	Credit 0.5 / 1.00	Level R
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This full-year course will continue to enhance student learning regarding to the electronic media of video production. A focus on visual storytelling and writing for broadcast in a studio setting will be intensified with larger, project-based assignments. Additional aspects of working in a television studio and a variety of other skills connected with the studio will be utilized. Students will continue to edit in a non-linear fashion with either iMovie or another equivalent program and how to prepare media across different platforms. Students should complete TV Studio I before starting this course.

PREREQUISITE: TV Studio I

11819/11919	TV STUDIO III	Prerequisite: TV Studio II	Credit Wt. 0.20	Credit 0.5 / 1.00	Level R
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This full-year course will continue to enhance student learning regarding to the electronic media of video production. A focus on visual storytelling and writing for broadcast in a studio setting will be intensified with larger, project-based assignments. Additional aspects of working in a television studio and a variety of other skills connected with the studio will be utilized. Students will continue to edit in a non-linear fashion with either iMovie or another equivalent program and how to prepare media across different platforms. Students should complete TV Studio II before starting this course.

PREREQUISITE: TV Studio II

11823/11923	YEARBOOK I	Prerequisite: None	Credit Wt. 0.20	Credit 0.50	Level R
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Through the use of scanners, photography, digital software and the Internet, this course explores the potential of the computer and video camera as media for creative expression. Students will develop the yearbook as a form of art with writing as an important component in cross curriculum exploration. Students will also run the Eagle News Network and create video documentation of important events happening at the school. Caption writing, interviewing, art criticism, video journalism, and graphic arts will be the key elements for this course. Students will gain real world experience that can be applied to future post-secondary education or in the workforce. Students can take this course as a full year course and is available for students in grades 9-12.

12823/12923

YEARBOOK II

Prerequisite: Yearbook I	Credit Wt. 0.20	Credit 0.5	Level R
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Through the use of scanners, photography, digital software and the Internet, this course explores the potential of the computer and video camera as media for creative expression. Students will develop the yearbook as a form of art with writing as an important component in cross curriculum exploration. Students will also run the Eagle News Network and create video documentation of important events happening at the school. Caption writing, interviewing, art criticism, video journalism, and graphic arts will be the key elements for this course. Students will gain real world experience that can be applied to future post-secondary education or in the workforce. Students can take this course as a full year course and is available for students in grades 9-12.

11823/11923

YEARBOOK III

Prerequisite: Yearbook II	Credit Wt. 0.20	Credit 0.50	Level R
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Through the use of scanners, photography, digital software and the Internet, this course explores the potential of the computer and video camera as media for creative expression. Students will develop the yearbook as a form of art with writing as an important component in cross curriculum exploration. Students will also run the Eagle News Network and create video documentation of important events happening at the school. Caption writing, interviewing, art criticism, video journalism, and graphic arts will be the key elements for this course. Students will gain real world experience that can be applied to future post-secondary education or in the workforce. Students can take this course as a full year course and is available for students in grades 9-12.

MUSIC OFFERINGS

95214	POP MUSIC: DISCO TO DUBSTEP			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.00	0.50	R

This course will focus on the development of popular music from the height of the disco era in the late 1970s to current popular music trends. Students will be exposed to a wide variety of popular music genres and styles including Hip-Hop, R&B, Rap, Punk, Heavy Metal, Reggae, and Glam Rock. Students will explore the connections between popular music and cultural trends and historic events. They will be encouraged to listen to and experience music in new ways and to develop their own personal taste in music by exploring their favorite popular music artists.

95309	VOICE CLASS I			<i>Elective 9 - 12</i>
	Recommended: Chorus	Credit Wt.	Credit	Level
		0.20	0.50	R

This course is designed for any student who is interested in developing their singing voice. Students will be expected to sing individually and as a group, while learning to sing with increased confidence, flexibility, and strength. Students enrolled in Voice Class are strongly encouraged to participate in Chorus. Areas of study will focus primarily on vocal production, fundamental music theory, aural skills, and proper diction. Students must be willing to sing in front of other students, critique other students' performances, and be critiqued themselves.

95714	VOICE CLASS II			<i>Elective 9 - 12</i>
	Prerequisite: Voice Class I	Credit Wt.	Credit	Level
		0.20	0.50	R

This course is a continuation of Voice Class I and is for students interested in further developing and refining their singing voice. Students in Voice Class II will pursue a more in-depth study of the voice through singing songs from memory and in foreign languages in primarily individual performances. Students will further their study of music theory and aural skills, while continuing to focus on vocal production, diction, and phonetics. Students must be willing to sing in front of other students, critique other students' performances, and be critiqued themselves.

95409	HISTORY OF MUSIC			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course is for any student interested in a more in-depth look at the different stylistic periods of music history, the composers and their music. The student will get a guided tour of the types of music written by the composers of each era as well as historical background information on how people lived, work, and played. All periods of music history will be studied from the Middle Ages to the Twentieth Century.

95509	HISTORY OF JAZZ			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

Whether you like to play jazz or just listen to it, this course is designed to introduce and expose any interested high school student to the roots of jazz and its role within American history. Both instrumental and vocal jazz genres will be studied. The course will center on the understanding of essential musical elements, evolution, forms, famous artists, and stylistic differences of the jazz idiom.

95610	HISTORY OF ROCK AND ROLL			<i>Elective 9 - 12</i>
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course begins with a brief overview of the elements of music before moving on to the ancestors of rock and roll in the early 20th century. Pop music, Country and Eastern Music, Rhythm and Blues, and Folk Music (along with their cultural and economic ties) will be discussed, leading us into the emergence of rock and roll in the mid-1950's. Rock's transition

into the 1960's will help us to understand how society can be influenced by music as the young genre fragments in various directions. We will discuss the Beatles, the British Invasion, Folk Rock, Soul Music, the musical developments in San Francisco, Jazz and Art Rock, and early Heavy Metal; each style having unique characteristics that lay the foundation for the music of today.

97717	MUSIC THEORY I			Elective 9 - 12
		Credit Wt.	Credit	Level
		0.20	0.50	R

This is a semester course designed for both musicians and non-musicians who wish to gain a better understanding of how music functions. Students will learn how to read and analyze music, count rhythms, and identify musical sonorities by ear through the study of musical notation, key signatures, chords, intervals, sight-singing, and ear training. Information gained in this course can be applied to the study of vocal and instrumental music, and serve as a launch-pad for basic musical composition skills.

97817	HONORS MUSIC THEORY II			Elective 10 - 12
	Prerequisite:	Credit Wt.	Credit	Level
	Music Theory I	0.50	0.50	R

This is a semester course designed for students with a basic background in music that expands on the information studied in Music Theory I. Students will have more in-depth opportunities for musical analysis and composition, learning specifically about chord qualities, inversions, and progressions and how they relate to musical form. Emphasis will be placed on proper compositional techniques used in four-part writing. The study of transposition and instrument ranges will allow students to arrange their own compositions for various musical ensembles outside of the vocal realm.

97609	PIANO CLASS			Elective 9 - 12
		Credit Wt.	Credit	Level
		0.20	0.50	R

This class is designed for both musicians and non-musicians! Any student who wishes to develop basic piano playing skills, or expand on their existing skills is welcome. Students will learn how to read and understand musical notation through application and performance, with a focus on the study of the proper techniques required to play the piano.

95717	HISTORY OF BROADWAY			Elective 9 - 12
		Credit Wt.	Credit	Level
		0.20	0.50	R

This course will examine the history, philosophy, and significance of musical theatre by exploring the context and evolution of the Broadway musical throughout history, beginning with early American traditions like vaudeville and Ziegfeld's *Follies*, and continuing through the present day with shows like *Les Misérables*, *Phantom of the Opera*, and *Hamilton*. Students will have the opportunity to experience pivotal shows in the history of musical theatre and analyze their cultural and historical impact. All students, whether actors or not, are welcome in this course!

97114/97214	CHORUS			
		Credit Wt.	Credit	Level
		0.00	0.40	M

Chorus is a course open to any student in grades 9 through 12 who enjoys singing and performance. The student must participate in both the Winter and Spring concerts given during the year. Chorus provides an enjoyable experience for the student while teaching the fundamentals of proper choral singing and voice development. Music selections are chosen primarily from the pop and musical theatre genres.

97814/97914	CHORALE			
	Recommendation:	Credit Wt.	Credit	Level
	Chorus & Audition	0.00	0.20	M

Participants in Chorale are chosen through an audition process in the month of September. Chorale is a course open to any student in grades 9 through 12, who successfully passes the audition and who enjoys singing and performance. Student must participate in Chorus to audition for Chorale. The student must perform in both the Winter and Spring concerts given during the year, in addition to Music in the Parks, a local Memorial Day performance, and caroling to local nursing homes in December. Chorale provides an enjoyable experience for the more serious vocal student, while teaching the fundamentals of proper singing and voice development through standard choral literature.

97310/97320	BAND/INSTRUMENTAL LESSONS			
	Recommendation:	Credit Wt.	Credit	Level
	8th grade	0.00	0.80	M

This course is designed to offer students instrumental study through individual and group lessons; instrumental performance of various styles and genres of music in a symphonic band setting; and performance with the addition of visual movements, marching, and/or choreography in a limited marching band setting. After-school rehearsals (one day per week at the discretion of the director) and performances (all home football games, Halloween and Memorial Day Parades, Holiday Concert, Spring Concert, and graduation) are a requirement for students enrolling in this course. Students interested in a more advanced marching band experience may choose to audition for the competitive marching band, which is an extra-curricular activity. This ensemble will have a rigorous rehearsal schedule and will travel to competitions on a weekly basis during the fall.

97509	JAZZ BAND			
	Recommendation:	Credit Wt.	Credit	Level
	Audition	0.00	0.20	M

The Jazz Band is a small instrumental group that meets during period 9 of the second semester. The group is open to all instrumentalists who play instruments found in the traditional "Big Band" setting (Saxophone, Trumpet, Trombone, Guitar, Bass, Piano, and Percussion). Jazz Band endeavors to promote self-expression and creativity through both improvisation/individual effort and small group.

ADDITIONAL COURSE OFFERINGS

00109/00209	INDEPENDENT STUDY			
	Prerequisite:	Credit Wt.	Credit	Level
	3.0 GPA	0.20-0.50	0.50/1.00	M/R

The independent study courses are designed to allow the serious and capable student to choose a particular area of interest directly related to post-secondary goals and to pursue it on an independent basis. Students, after selecting their subject matter, must submit a detailed, written plan of objectives, content, and activities involved in the proposed study. The plan is submitted to the guidance counselor and must be approved by the principal and appropriate faculty advisor. Student-advisor conferences are arranged to guide the student and evaluate progress. Independent study courses must continue for a school year; however, two different studies, each valued at .50 per semester, are also acceptable. Courses that have been scheduled cannot be pursued as an independent study during a different class period. Courses that are not considered to be extensions of offered secondary courses must be approved by the Board of Education.

00309/00409	ENRICHMENT COURSES			
	Prerequisite:	Credit Wt.	Credit	Level
	Gifted Program	0.20 – 1.00	.50/1.00	M/R

Enrichment courses are available to those senior students who qualify on the basis of determining criteria including class rank, GPA, test scores, and teacher recommendations. Students qualifying may take a college-level credit course in lieu of a senior subject provided that all high school courses in a particular discipline have been exhausted or for an AP course not offered due to insufficient enrollment. Enrichment courses may not be scheduled in conflict with high school courses. The selected course may be taken at the local campus of Pennsylvania State University or any approved college or university. Registration for the course and transportation are the responsibility of the student. Credits earned for college-level work will appear on all official school records, but will not be included in GPA and class rank unless approved. (See Gifted Program and Dual Enrollment for more details).

IT002/ IT003	MONITORED STUDY I/II/III/IV			
IT004/ IT005	Prerequisite:	Credit Wt.	Credit	Level
IT006/ IT007	Individual Education Plan Spec. Ed.	0.00	.50/1.0	R
IT008/ IT009				

Students enrolling in these courses will participate in guided activities that support core course content. Objectives include study skills and strategies, test preparation, note taking, communication skills, self-Advocacy, flexibility, organizational skills, problem solving skills, time management and peer relations. Students will be evaluated on participation and informal assessment within the classroom setting, as well as, progress within core course requirements. This course will be limited to one class per semester and will take the place of an elective. Students are scheduled for Monitored Study based on an IEP Team decision that takes into account the following variables: teacher recommendation, guidance counselor recommendation, educational history, current performance in core course(s), current performance in elective course(s), student and parent input. **Final grading for these classes will be “Pass / Fail”.**

00509/00609	APPLIED ENGLISH LANGUAGE ARTS I/II/III/IV			
00711/00714	Prerequisite:	Credit Wt.	Credit	Level
00712/00612	Individual Education Plan Spec. Ed.	0.00	.50/1.0	R
00713/00813				

These courses are based on the Pennsylvania Alternate English Language Arts Standards. They emphasize knowledge in the areas of real life reading and writing skills.

00918R1/00919R1	APPLIED READING I/II/III/IV			
00918R2/00919R2	Prerequisite:	Credit Wt.	Credit	Level
00918R3/00919R3	Individual Education Plan Spec. Ed.	0.00	.50/1.0	R
00918R4/00919R4				

These courses are based on the Pennsylvania Alternate Reading Standards. They emphasize knowledge in the areas of real life reading and writing skills.

45411/45511	CONSUMER MATHEMATICS I/II/III/IV				
45412/45512	Prerequisite:	Credit Wt.	Credit	Level	
45612-45712	Individual Education Plan Spec. Ed.	0.00	1.00	R	
45615-45715					

These courses are designed to further the student's knowledge of real-life functional math skills. They provide an opportunity for students to learn how to cover their expenses after graduation by learning about using expense records, determining fixed and variable expenses, and calculating income and savings. It involves making and changing your budget and calculating yearly, monthly and weekly salary. Students also learn how to read a tax table to figure out refund or balance due. They also choose a bank that fits their needs and open up a checking and savings account. Assessments will include recall, skill/concept, strategic thinking and extended thinking style questioning. In subsequent courses, students will learn credit card math and how to apply for a loan. Emphasis is placed on earning money by computing weekly and annual gross and net wages, determining daily and weekly hours worked including overtime and determining wages for piecework.

00117/00217	APPLIED SCIENCE I/II/III/IV				
00317/00417	Prerequisite:	Credit Wt.	Credit	Level	
00517/00617	Individual Education Plan Spec. Ed.	0.00	1.00	R	
00717/00817					

These courses are based on the Pennsylvania Alternate Science Standards. They cover physical science, biological science, general laboratory science, and environmental science. Students will gain knowledge in these areas emphasizing real life applications.

00118/00218	APPLIED SOCIAL STUDIES I/II/III/IV				
00318/00418	Prerequisite:	Credit Wt.	Credit	Level	
00518/00618	Individual Education Plan Spec. Ed.	0.00	1.00	R	
00718/00818					

These courses are based on the Pennsylvania Alternate Social Studies Standards. They cover social studies in the areas of American History, Pennsylvania History, History of the World and American Government. Students will gain knowledge in these areas that apply to real life applications.

00909HG/00910HG	DEVELOPMENTAL SOCIAL STUDIES I/II/III/IV				
00909WC/00910WC	Prerequisite:	Credit Wt.	Credit	Level	
	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	

These courses are based on the Pennsylvania Alternate Social Studies Standards. They cover social studies in the areas of American History, World History, and American Government. Students will gain knowledge in these areas emphasizing real life applications.

00909S/00910S	DEVELOPMENTAL SCIENCE I/II/III/IV				
00909S2/00910S2	Prerequisite:	Credit Wt.	Credit	Level	
00909S3/00910S3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00909S4/00910S4					

These courses are based on the Pennsylvania Alternate Science Standards. Students will gain knowledge in these areas emphasizing real life applications.

00909E/00910E	DEVELOPMENTAL ENGLISH I/II/III/IV				
00909E2/00910E2	Prerequisite:	Credit Wt.	Credit	Level	
00909E3/00910E3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00909E4/00910E4					

These courses are based on the Pennsylvania Alternate Science Standards. Students will gain knowledge in these areas emphasizing real life applications.

00909R/00910R	DEVELOPMENTAL READING I/II/III/IV				
00909R2/00910R2	Prerequisite:	Credit Wt.	Credit	Level	
00909R3/00910R3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00909R4/00910R4					

These courses are based on the Pennsylvania Alternate Science Standards. Students will gain knowledge in these areas emphasizing real life applications.

00909M/00910M	DEVELOPMENTAL MATH I/II/III/IV				
00909M2/00910M2	Prerequisite:	Credit Wt.	Credit	Level	
00909M3/00910M3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00909M4/00910M4					

These courses are based on the Pennsylvania Alternate Science Standards. Students will gain knowledge in these areas emphasizing real life applications.

00909SS/00910SS	DEVELOPMENTAL SOCIAL SKILLS				
	Prerequisite:	Credit Wt.	Credit	Level	
	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	

Students enrolling in this course will participate in activities to improve social skills. Activities will involve guided peer interactions within the classroom setting.

00709M/00710M	PRACTICAL MATH I/II/III/IV				
00709M2/00710M2	Prerequisite:	Credit Wt.	Credit	Level	
00709M3/00710M3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00709M4/00710M4					

These courses are based on the Pennsylvania Alternate Mathematics Standards. Students will gain knowledge in the areas of mathematics that apply to real life applications.

00709E/00710E	PRACTICAL ENGLISH LANGUAGE ARTS I/II/III/IV				
00709E2/00710E2	Prerequisite:	Credit Wt.	Credit	Level	
00709E3/00710E3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00709E4/00710E4					

These courses are based on the Pennsylvania Alternate English Language Arts Standards. Students will gain knowledge in the areas of English Language Arts that apply to real life applications.

00709S/00710S	PRACTICAL SCIENCE I/II/III/IV				
00709S2/00710S2	Prerequisite:	Credit Wt.	Credit	Level	
00709S3/00710S3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00709S4/00710S4					

These courses are based on the Pennsylvania Alternate Science Standards. Students will gain knowledge in the areas of science that apply to real life applications.

00709SS/00710SS	PRACTICAL SOCIAL STUDIES I/II/III/IV				
00709SS2/00710SS2	Prerequisite:	Credit Wt.	Credit	Level	
00709SS3/00710SS3	Individual Ed. Plan Spec. Ed.	0.00	1.00	R	
00709SS4/00710SS4					

These courses are based on the Pennsylvania Alternate Social Studies Standards. Students will gain knowledge in the areas of social studies that apply to real life applications.

00709PS/00710PS PRACTICAL SKILLS

Prerequisite:	Credit Wt.	Credit	Level
Individual Ed. Plan Spec. Ed.	0.00	1.00	R

Students enrolling in this course will participate in activities to improve social interactions. Interaction will occur within the school setting as well as within the community.

70109Z APPLIED MICROSOFT OFFICE I

Prerequisite:	Credit Wt.	Credit	Level
Individual Education Plan Spec. Ed.	0.00	1.00	R

This course is based on the Pennsylvania Alternate Business Standards. It covers the various components of Microsoft Office software; Word, Excel, and Publisher emphasizing real life applications.

00814Z/00914Z INDEPENDENT HEALTHY LIVING SKILLS I/II

01215Z/01315Z Prerequisite:	Credit Wt.	Credit	Level
Individual Education Plan Spec. Ed.	0.00	1.00	R

These courses are designed to assist students who have been identified as having a disability in reinforcing necessary skills for transitioning from high school to employment or post-secondary education and living independently. Skills and objectives to be covered include speaking and listening skills, interacting positively with others, self-care, nutrition and skills needed to live independently. Students will meet 5 days per 5-day cycle for the entire school year. The course will be instructed in small and large group settings. Evaluation will be based upon participation, small group projects and assignments. Skills and objectives to be covered in level II include interacting within places in the community, interacting with people in the community, safety skills within the community including computer and internet safety, getting along and working with others, social skills, character, personal life choices, communication skills, organization skills, problem solving, resource management and goal setting.

00700PV/00710PV COMMUNITY BASED INSTRUCTION I/II/III/IV

00711PV/00712PV Prerequisite:	Credit Wt.	Credit	Level
00713PV/00714PV Individual Education Plan Spec. Ed.	0.00	1.00	R
00715PV/00716PV			

Students who enroll in these courses will participate in trips which will include social/leisure activities, as well as historical outings. The goal is for students to understand what their community has to offer and for them to demonstrate independence, promote safety, and follow directions when given by adults/chaperones.

00709 FRESHMAN SEMINAR

Prerequisite:	Credit Wt.	Credit	Level
Individual Education Plan Spec. Ed.	0.00	0.50	R

This course is designed to assist students who have been identified as having a disability in transitioning from middle school to high school. Skills and objectives to be covered include study skills, note taking, inter-personal skills, self-advocacy skills, positive attitude toward learning and change, organizational and problem-solving skills, time management, use of prior knowledge in present experiences, career/vocational guidance and independent living skills. The course will be held 5 days per 5-day cycle for one semester during the 9th grade school year. The course will include small and large group instruction, guest speakers and workshops. Students will be evaluated on small group projects, assignments, and a completed beginning phase of a portfolio.

00809	TRANSITION SEMINAR			
	Prerequisite:	Credit Wt.	Credit	Level
	Individual Education Plan Spec. Ed.	0.00	0.50	R

This course is designed to assist students in grade 11 or 12 in making plans for transitioning from high school to employment or post-secondary education. Skills and objectives to be covered include workplace skills and attitudes, interactions with others, habits of wellness, self-advocacy, resume writing, interviewing skills, job application preparation, basic finance skills, banking and money management strategies, accessing community resources, computer and internet skills, conflict resolution and communication skills. Students will meet 5 days per 5-day cycle for one semester during the 11th or 12th grade school year. The course will be instructed in small and large group settings and will include guest speakers and workshops in partnership with community agencies. Evaluation will be based upon small group projects, assignments, and a completed portfolio.

00909PV/00910PV	EMPLOYMENT SKILLS I/II/III/IV			
00911PV/00912PV	Prerequisite:	Credit Wt.	Credit	Level
00913PV/00914PV	Individual Education Plan Spec. Ed.	0.00	1.00	R
00915PV/00916PV				

These courses are designed to assist the student's knowledge of real-life functional skills necessary for transitioning from high school to the community. The major goal of these courses are to provide students with the opportunity to become more knowledgeable, skilled, and dedicated citizens who work both individually and in groups. Skills and objectives to be covered include interacting within places in the community, interacting with people in the community, safety skills within the community including getting along, and working with others, social skills, character, personal life choices, communication skills, organization skills, problem solving skills, and goal setting. Students will participate in running an in-school coffee shop. Students will meet 5 days per week for the entire school year.

XXII. SCHUYLKILL TECHNOLOGY CENTER PROGRAM OF STUDY (POS)

Schuylkill Technology Center Program of Study (POS)

SCHUYLKILL TECHNOLOGY CENTER CURRICULUM

81009	STC - S1	Credit Wt.	Program Credit	Level
82009	STC - S2	0.00 – 0.20	2.00 - 3.00	R

Students are selected for the Schuylkill Technology Center (STC) according to the approved selection policy as follows: Students may apply for admission to the STC as a 9th grade student. If a student would like to enroll into the STC program after the 9th grade year, they may not have more than one outstanding failure in Science, English, or Social Studies after summer credit recovery if necessary. Physical education and Algebra I must also be passed in ninth grade. A student will be withdrawn from the STC program for any of the following reasons: the student exceeds course failures that can be made up in summer school by the summer of the student's year of graduation; the student receives an "F"- as a final grade in a major subject, a student fails health or PE, or a student does not pass STC program credits.

The student who selects an offering of the STC program will spend 18 weeks in the STC building in Frackville or Mar-Lin and 18 weeks in the home school. Students will be required to complete the necessary courses for graduation from both STC and home schools. Because admission to the program is determined by quotas, all students who desire this training cannot always be admitted.

The Schuylkill Technology Center is an elective option of high school course selection designed to provide the basic technical skills to assist all students to prepare for a career in tomorrow's high-tech workforce and enable students to get a "head start" on post-secondary career. Programs offer basic entry-level skills with "hands-on" training on computerized and technical equipment. Students must have completed the ninth grade to enroll in the Technology Center. All Schuylkill Technology Center Programs of Studies have articulation agreements to various post-secondary/ higher education institutes, thus providing for advanced placement and advanced skill opportunities. More information regarding program of studies and articulation agreements can be obtained from Schuylkill Technology Center- Guidance Department at 570-544-4748 and 570-874-1034 or on the web at www.stcenters.org.

The Carl D. Perkins Career and Technical Education Improvement Act of 2006 requires the development and implementation of career and technical programs of study (POS). Programs of Study incorporate secondary education and postsecondary education elements; include coherent and rigorous content aligned with challenging academic standards and relevant career and technical content in a coordinated, non-duplicative progression of courses that align secondary education with postsecondary education to adequately prepare students to succeed in postsecondary education; may include the opportunity for secondary education students to participate in dual or concurrent enrollment programs or other ways to acquire postsecondary education credits and lead to an industry-recognized credential or certificate at the postsecondary level or an associate or baccalaureate degree.

Programs of Study Consist of:

- ✓ High Priority Occupation (HPO) from PA Department of Labor and Industry
- ✓ Align POS selection from PA approved CIPs
- ✓ Scope and Sequences of Courses
- ✓ Integration of Academics Standards
- ✓ Recognized PA Industry Certifications aligned to CIPs
- ✓ Statewide articulations for POS students to postsecondary institutions that continue career pathways
- ✓ Assessments for end of program at secondary and postsecondary (e.g. NOCTI)

Schuylkill Technology Center's Career Clusters and Program of Study

Architecture and Construction

- Carpentry Technology
- Masonry Technology
- Plumbing & Heating Technology
- Residential/Industrial Electricity

Health Science

- Health Careers

Hospitality & Tourism

- Culinary Arts

Human Services

- Cosmetology
- Early Childhood Care & Education

Information Technology

- Computer Information Systems

Law, Public Safety, & Security

- Criminal Justice

Manufacturing

- Electromechanical
- Precision Machining Technology
- Welding Technology

Marketing Sales & Service

- Business Management

Transportation, Distribution & Logistics

- Automotive Technology
- Logistics
- Collision Repair Technology
- Diesel Technology
- Outdoor Power Technology

Senior Only Programs

- Diversified Occupations
- Emerging Health Professionals

Schuylkill Technology Center's Career Clusters and Program of Study Descriptions

Architecture and Construction

Carpentry Technology

An instructional program that prepares individuals to apply technical knowledge and skills to lay-out, fabricate, erect, install and repair structures and fixtures using hand and power tools. This program includes instruction in common systems of framing, construction materials, estimating, blueprint reading and finish carpentry techniques.

Masonry Technology

An instructional program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of brick, concrete block, glass block, hard tile, marble and related materials using trowels, levels, hammers, chisels and other hand tools.

Plumbing & Heating Technology

A program that prepares individuals to practice as licensed plumbers by applying technical knowledge, safety and skills to lay out, assemble, install and maintain plumbing fixtures and systems for steam, natural gas, oil, hot water, heating, cooling, drainage, lubricating, sprinkling and industrial processing systems in home and business environments. Includes instruction in source determination, water distribution, waste removal, pressure adjustment, basic physics, technical mathematics, blueprint reading, pipe installation, pumps, brazing and soldering, plumbing inspection and applicable codes and standards.

Residential/Industrial Electricity

An instructional program that prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically-energized residential, commercial and industrial systems, and DC and AC motors, controls and electrical distribution panels. Instruction emphasizes practical application of mathematics, science, circuit diagrams and use of electrical codes and includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Reading and interpretation of commercial and residential construction wiring codes and specifications, installation and maintenance of wiring, service and distribution networks within large construction complexes are also critical components of the program.

Health Science

Health Careers

A cluster program with a combination of subject matter and experiences designed to prepare individuals for entry-level employment in a minimum of three related health occupations under the supervision of a licensed health care professional. Instruction consists of core course content with clinical experiences in one or two health related occupations. The core curriculum consists of planned courses for introduction of health

careers, basic anatomy and physiology, medical terminology, legal and ethical aspects of health care and communications and at least three planned courses for the knowledge and skills for the occupational area such as medical assisting, ward clerk, nursing assisting, etc.

Hospitality & Tourism

Culinary Arts

An instructional program that prepares students for employment related to institutional, commercial or self-owned food establishments or other food industry occupations. Instruction and specialized learning experiences include theory, laboratory and work experience related to planning, selecting, preparing and serving of quantity food and food products; nutritive values; use and care of commercial equipment; safety; and sanitation precautions. Instruction skills are provided to individuals desiring to become employed in all areas of the food service industry at entry level.

Human Services

Cosmetology

An instructional program that prepares individuals to apply technical knowledge and skills related to experiences in a variety of beauty treatments including the care and beautification of the hair, complexion and hands. Instruction includes training in giving shampoos, rinses and scalp treatments; hair styling, setting, cutting, dyeing, tinting and bleaching; permanent waving; facials; manicuring; and hand and arm massaging. Bacteriology, anatomy, hygiene, sanitation, salon management including record keeping and customer relations are also emphasized. Instruction is designed to qualify pupils for the licensing examination.

Early Childhood Care and Education

An instructional program that prepares individuals for a variety of occupations in child care and guidance often under the supervision of professional personnel in child or day care centers. This program includes instruction in growth and development; nutrition; program planning and management; safety; behavior guidance; play activities; child abuse and neglect; parent-child personal relationships; learning experiences for children; and laws, regulations and policies relating to child care services.

Information Technology

Computer Information Systems

An instructional program that prepares individuals to apply technical knowledge and skills to support the design and development of software applications. This program is designed to provide the capacity to prepare and interpret process and data models, develop and structure software components and to validate the functionality, usability and

reliability of those components. Validation skills include testing and debugging. System, component and user documentation is to be performed throughout the process. This program will provide students with the ability to integrate new and existing components. Students will receive instruction in at least two programming languages including at least one procedure-oriented language and one object and visually-oriented language. This course provides a thorough practical knowledge of the concepts, theories, logic and critical thinking skills required when building software applications. Students completing the program will possess a basic technical foundation needed to pursue postsecondary degrees leading to a career as a software developer, analyst project leader or in the management of information technologies. Students may prefer to immediately enter the labor market in an entry-level position as developer or analyst.

Law, Public Safety & Security

Criminal Justice

An instructional program that prepares individuals for entering post-secondary educational coursework in the field of criminal justice. Individuals completing this program have the knowledge and skills to advance themselves in the various disciplines of criminal justice, including policing, corrections, probation and parole, security, communications, and crime scene management. They also have a requisite understanding of the use of force and health issues.

Manufacturing

Electromechanical

An instructional program that prepares individuals to apply basic engineering principles and technical skills in both the mechanical and electrical fields. Instruction is planned to provide preparation in the design, development and testing of electromechanical devices and systems such as automatic control systems, servomechanisms, vending machines, elevator controls, missile controls, tape-control machines and auxiliary computer equipment. Instruction also includes feasibility testing of engineering concepts, systems analysis including designs, selection and testing and application of engineering data and the preparation of written reports and test results in support of mechanical and electrical engineers.

Precision Machining Technology

An instructional program that prepares individuals to apply technical knowledge and skills in all aspects of shaping metal parts. Instruction involves making computations relating to work dimensions, tooling and feeds and speeds of machining. Emphasis is placed upon bench work and the operation of lathes, power saws, milling machines, grinders, drills and computer operated equipment (CNC and CIM). Instruction also includes the use of precision measuring instruments such as layout tools, micrometers and gauges; methods of machining and heat treatment of various metals; blueprint

reading; and the layout of machine parts. Instruction prepares students to operate all types of hand and computer-controlled machines.

Welding Technology

An instructional program that prepares individuals to apply technical knowledge and skills in gas, arc, shielded and non-shielded metal arc, brazing, flame cutting. Hand, semi-automatic and automatic welding processes are also included in the instruction. Students learn safety practices and types and uses of electrodes; properties of metals; blueprint reading; electrical principles; welding symbols and mechanical drawing; use of equipment for testing welds by ultrasonic methods and destruction and hardness testing; use of manuals and specification charts; use of portable grinders and chemical baths for surface cleaning; positioning and clamping; and welding standards established by the American Welding Society, American Society of Mechanical Engineers and American Bureau of Ships.

Marketing Sales & Service

Business Management

An instructional program that provides instruction in the fields of sales, distribution and marketing operations and focuses on the process and techniques of direct wholesale and retail buying and selling operations. This program is concerned with marketing, sales, distribution, merchandising and management including ownership and management of enterprises engaged in marketing. Marketing education programs prepare individuals to perform one or more marketing function such as selling, pricing, promotion, product/service management, distribution, financing and marketing information management. In addition, instructional programs include varying emphasis on technical knowledge of products and/or services marketed; related communication, economic, technological and computation skills; and abilities and attitudes associated with human relations. The program may also include management functions associated with owning and operating a business. Sales, distribution and marketing operations prepares individuals for occupations in such businesses as retail and wholesale trade, finance, insurance, real estate, entertainment, hospitality, food service, communications, storage and distribution.

Transportation, Distribution & Logistics

Automotive Technology

An instructional program that prepares individuals to apply technical knowledge and skills to engage in the servicing and maintenance of all types of automobiles and light trucks. This program includes instruction in the diagnosis and testing, including computer analysis, of malfunctions in and repair of engines, fuel, electrical, cooling and brake systems and drive train and suspension systems. Instruction is also given in the adjustment and repair of individual components and systems such as cooling systems, drive trains, fuel system components and air conditioning and includes the use of technical repair information and the state inspection procedures.

Collision Repair Technology

An instructional program that prepares individuals to apply technical knowledge and skills to repair damaged automotive vehicles such as automobiles and light trucks. Students learn to examine damaged vehicles and estimate cost of repairs; remove, repair and replace upholstery, accessories, electrical and hydraulic window and seat operating equipment and trim to gain access to vehicle body and fenders; remove and replace glass; repair dented areas; replace excessively damaged fenders, panels and grills; straighten bent frames or unibody structures using hydraulic jacks and pulling devices; and file, grind and sand repaired surfaces using power tools and hand tools. Students refinish repaired surfaces by painting with primer and finish coat.

Diesel Technology

This is an instructional program that prepares individuals to apply technical knowledge and skills to the specialized maintenance and repair of trucks, buses, and other commercial and industrial vehicles. The program includes instruction in diesel engine mechanics, suspension and steering, brake systems, electrical and electronic systems, preventive maintenance inspections, drive trains, HVAC systems, and auxiliary equipment installation and repair.

Logistics

A program that prepares individuals to manage and coordinate logistical functions in an enterprise ranging from acquisitions to receiving and handling, through internal allocation of resources to operations units, to the handling and delivery of output. Includes instruction in acquisitions and purchasing, inventory control storage and handling, just-in-time manufacturing, logistics planning, shipping and delivery management, transportation, quality control, resource estimation and allocation and budgeting

Outdoor Power Technology

An instructional program that prepares individuals to apply technical knowledge and skills to repair, service, maintain and diagnose problems on a variety of small internal-combustion gasoline engines and related systems used on portable power equipment such as lawn and garden equipment, chain saws, outboard motors, rotor tillers, snowmobiles, lawn mowers, motorcycles, personal watercraft and pumps and generators. This program includes instruction in the principles of the internal-combustion engine and all systems related to the powered unit. Instruction also includes the use of technical and service manuals, state inspection code, care and use of tools and test equipment, engine tune-up/maintenance, engine overhaul, troubleshooting and diagnostic techniques, drive lines and propulsion systems, electrical and electronic systems, suspension and steering systems and service operations and parts management.

Senior Only Programs

Diversified Occupations

Students currently attending Schuylkill County school districts have the option to participate in a “Diversified Occupations” program offered through the supervision of the Schuylkill Technology Center. The Diversified Occupations (D.O.) one-year program prepares students to develop marketable workforce skills through related theory assignments and job training connected with actual employment opportunities. A secondary student may apply for admission to the D.O. program under the following conditions: (1) STC does not offer a related occupational training program, or (2) STC program enrollments are to capacity. Specific student eligibility requirements include the following:

- Parent/guardian approval
- Full endorsement from sending district administration / staff
- An approved job site (with worker’s compensation insurance)
- Transportation (to and from the job site)
- Valid PA driver’s license and insurance
- Appropriate work dress
- Required Personal Protective Equipment (PPE)
- Necessary tools and/or equipment
- STC/Employer Training Agreement

The Diversified Occupations program is supervised by the STC Cooperative Education Coordinator, who will also administer one required 45-minute related theory class per week, which will include related workforce topics such as resume development, work ethics, and workplace safety. The employer and D. O. Coordinator will produce a “Training Plan” outlining the student’s job-related tasks and responsibilities connected to current industry standards and OSHA safety regulations. Student evaluation will be determined by related theory assignments, and employer evaluations from the job site

Emerging Health Professionals

The Emerging Health Professional is a partnership between Penn State Schuylkill, Lehigh Valley Health Network, and other medical facilities. The Emerging Health Professional dual-enrollment program combines skills—based, interactive and university level classroom learning with shadowing in the health care setting. The program is designed to prepare students for post-secondary education by offering a college science course. Students spend two half-days a week with Penn State faculty and will spend two half-days a week participating in activities at various health facilities in Schuylkill County. Students spend one half day a week participating in health curriculum taught by the STC instructor at STC North Campus.

Academic Courses

AMERICAN STUDIES I- 1cr

American Studies is a course that focuses on the history of the United States from 1492 to 1877 (Exploration through Reconstruction). Through readings, literature excerpts, political cartoons, simulations, technology projects and more, students will gain insight into the nation's past by examining period accounts and first-person voices. Students will use varied resources to examine the links and make connections between events being studied in the textbook/learning guides and events that are taking place today. The major focus is the state history standards: content, chronology, analysis, and interpretation. Related concepts found in the state civics, economics, and geography standards are a supporting focus.

AMERICAN STUDIES II- 1cr

American Studies is a course that focuses on the history of the United States from 1900 to present (Progressive Era through Modern Day America). Through readings, literature excerpts, political cartoons, simulations, technology projects and more, students will gain insight into the nation's past by examining period accounts and first-person voices. Students will use varied resources to examine the links and make connections between events being studied in the textbook/learning guides and events that are taking place today. The major focus is the state history standards: content, chronology, analysis, and interpretation. Related concepts found in the state civics, economics, and geography standards are a supporting focus.

WORLD STUDIES - 1cr

World Studies is a course focusing on the diverse ways of life found around the world. Through study of the pertinent issues to the major regions of the world, students will recognize and evaluate the relationships between people, places, regions, and environments. Students will further explore how physical environments affect human events and build a global perspective that allows them to understand the connections between global and national issues. The major focus is the state's geography standards: maps, environments, places, and regions. Related concepts found in the state civics, economics, and history standards are a supporting focus.

CIVICS/ECONOMICS - 1cr

Civics/Economics is a course that is comprised of two disciplines. Economics is a course that teaches students how to make reasoned economic choices and provide ways they can effectively participate in an increasingly competitive and interdependent global economy. Students will assess the impact of market influences and governmental actions on our economy through the use of real-world economic applications and analyze how different economic systems interact. In Civics, students will learn about the basic freedoms traditionally enjoyed by American citizens and about the qualities of a good citizen. Students will explore issues about U.S. citizenship and their rights and responsibilities and roles in their communities by putting them in decision-making simulations and assessments that will enable them to acquire the skills necessary to participate in our democratic processes. The major focus of the course is state civics (government, politics, participation, citizenship) and economics (microeconomics, macroeconomics, economic systems, and international trade) standards. Related concepts found in the state geography and history standards are a supporting focus.

School-to-Work Opportunity

Cooperative education is a structured program integrating classroom activities (emphasis placed on employability skills) with work experiences in a field related to a student's program of study. Cooperative education is a partnership among students, educational institutions and employers, with specified responsibilities for each party.

Who is eligible to participate: Students (third year, Level III) who have completed 75% of the program, which already have a job or a good prospect for a job defined by the student's career objective.

What are the requirements: Students must be recommended by their course instructor and have a completed résumé. Attendance, grades, attitude, and behavior are considered in the decision-making process.

- Work permit (if under 18 years of age)
 - Approved student transportation
 - Proof of auto insurance
 - Senior Portfolio obligation
- All school debts must be satisfied
Valid PA driver's license
Up-to-date task listing

XXIII. BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION COLLEGE PREPARATORY

The college preparatory curriculum is designed to prepare students for further study at the post-secondary level and to meet the entrance requirements of higher education institutions. Students are offered college preparatory, honors, and AP level courses in English, social studies, science, and mathematics. Students are also required to study a minimum of two consecutive years of the same world language in high school. Additional electives are selected based on student career interests and needs.

Ninth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/Cycle</i>
1	11309/11409	CP English I	6
	11509/11609	Honors English I	6
2	21309/21409	CP Amer. Hist. I	6
	21509/21609	Hon. Amer. Hist. I	6
3	31309/31409	CP Phys. Sci./Lab	6
	31509/31609	Hon Phys. Sci. / Lab	6
4	40314/40414	CP Algebra I	6
	40514/40614	Honors Algebra I	6
	*41314/41414	CP Algebra II	6
	*41514/40614	Honors Algebra II	6
5		Language I / II	6
6	50109	P.E.	4
	52309	Driver's Ed.	2
6	11717	Effective Comm.	6
7	70109	Microsoft Office I	6
7		Program Elective	6
8		Lunch	6

Eleventh Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/Cycle</i>
1	13309/13409	CP English III	6
	13509/13609	Hon. English III	6
2	23309/23409	CP World History	6
	23509/23609	AP World History	6
3-4	33309	CP Chem./Lab	12
3	33115/33215	Hon. Chem./ Lab	9
3	33709/33809	AP Chem./ Lab	9
4	42309/42409	CP Geometry	6
	42509/42609	Honors Geometry	6
	*	Math Elective	6
5	50314	P.E. w/ CP Chem.	6
	50317	P.E. w/ H /AP Chem.	3
5	71809	Y.E.S. (16-30)	6
	92909	Life After H.S.	6
	71719	Personal Finance	6
	73509/73609	H. Fin. & Econ.	6
6		Program Elective	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Tenth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	12309/12409	CP English II	6
	12509/12609	Hon. English II	6
2	22309/22409	CP Amer. Hist. II	6
	22509/22609	Hon. Amer. Hist. II	6
	24709/24809	AP Amer. Hist.	6
3	32309	CP Biology/Lab	12
	32509/32609	Hon. Biology/Lab	9

Twelfth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	14309/14409	CP English IV	6
	14509/14609	Hon. English IV	6
	14709/14809	AP Lit. & Comp.	6
2	24309/24409	CP Amer. Gov.	6
	24509/24609	Hon. Amer. Gov.	6
	25315/25415	AP Gov. & Pol.	6
3		Science Requirement (rec. CP / H / AP Physics)	6

4	41314/41414 41514/41614 *42309/42409 *42509/42609	CP Algebra II Honors Algebra II <i>CP Geometry</i> <i>Honors Geometry</i>	6 6 6 6
5		Language II / III	6
6	50209 50218	P.E. P.E. w/ H. Bio./Lab	6 3
6	52209	Health	6
7		Program Elective	6
7		Program Elective	6
8		Lunch	6

**Accelerated math sequence*

4		Math Requirement (rec. CP Alg. III / Trig. or H Pre-Calc.)	6
5		Program Elective	6
5		Program Elective	6
6		Free Elective	6
6		Free Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION GENERAL

The general courses are designed to offer students an alternate course level of instruction in the academic areas of English, social studies, science, and mathematics based on student needs. Additional electives are also selected based on student career interests and needs. These courses perhaps are most appropriate for students who plan to directly enter the workforce or military or are considering a post-secondary certificate or two-year program rather than a four-year degree.

Ninth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/Cycle</i>
1	11109/11209	English I	6
2	21109/21209	Amer. Hist. I	6
3	31109/31209	Phys. Sci./Lab	6
4	40114/40214	Algebra IA / Algebra IB	6
5	50109 52309	P.E. Driver's Ed.	4 2
5	11717	Effective Comm.	6
6	70109	Microsoft Office I	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Eleventh Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	13109/13209	English III	6
2	23109/23209	World History	6
3-4	33109	Chem./Lab	12
3	35109/35209	General Lab Sci.	6
3	36514/36614	Env. Science	6
4	42109/42209	Geometry	6
5	50314	P.E.	6
5	71809 92909 71719 73509/73609	Y.E.S. (16-30) Life After H.S. Personal Finance H. Fin. & Econ.	6 6 6 6
6		Program Elective	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Tenth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	12109/12209	English II	6
2	22109/22209	Amer. Hist. II	6
3	32114	Biology/Lab	12
4	41114/41214	Alg IC – Alg II	6
5	50209	P.E.	6
5	52209	Health	6
6		Program Elective	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Twelfth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	14309/14409	English IV	6
2	24309/24409	Amer. Gov.	6
3		Science Requirement	6
4		Math Requirement	6
5		Program Elective	6
5		Program Elective	6
6		Free Elective	6
6		Free Elective	6
7		Free Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

**BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
SCHUYLKILL TECHNOLOGY CENTER**

Ninth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/Cycle</i>
1	40114/40214	Algebra I	6
2-3	11015	English I	12
4-5	34015	Physical Sci.	12
6	50109 52309	P.E. Driver's Ed.	4 2
7	70109	Microsoft Office I	6
8		Lunch	6

Eleventh Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	42109/42209	Geometry	6
2-3	13009	English III	12
4-5	23117	World History	12
6	52209	Health	6
7	50314	P.E.	6
8		Lunch	6

Tenth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	41114/41214	Algebra II	6
2-3	32114	Biology	12
4-5	12009	English II	12
6	22117	Amer. Hist. II	6
7	50209	P.E.	6
8		Lunch	6

Twelfth Grade

<i>Pd.</i>	<i>Course #</i>	<i>Course</i>	<i>Pds/ Cycle</i>
1	14309/14409	English IV	6
2-3	33009	Gen. Lab. Sci.	12
4-5	24117	Amer. Gov.	12
6	71709	*YES (1-15)	6
7	71809	*YES (16-30)	6
8		Lunch	6

* *American History I* is taught at the Schuylkill Technology Center (STC).

* *YES (1-15) & (16-30)* satisfies graduation requirements in both *Communication and Finance* for STC students.

* *CP and Honors level courses* may be available in the building or through Virtual Academy.