2018-2019

BLUE MOUNTAIN HIGH SCHOOL
VIRTUAL ACADEMY (VLN)
PROGRAM OF STUDY

(For The Classes of 2019, 2020, 2021, & 2022)

Blue Mountain School District
Mission Statement

The Blue Mountain School District, in partnership with the community, is committed to providing a safe, caring environment for all students to reach their full potential in the 21st century.

Educational Philosophy and Objectives
of the Blue Mountain High School

Public education should prepare the individual for life in a democratic society. The student's education in terms of knowledge and experiences must be comprehensive enough to develop the moral, mental, physical, emotional and social traits of the individual, to enable him/her to understand the working of a diverse society, and to find a satisfying role in relation to himself/herself and others in a global community.
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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CONTACT NAMES and PHONE NUMBERS

Superintendent of Schools	Dr. David Helsel	570-366-0515 ext. 1022
Director of Elem. and Secondary Education	Mrs. Gwen Witmer-Belding	570-366-0515 ext. 1028
Director of Pupil Services	Dr. Frank Musitano	570-366-0515 ext. 1035
Coordinator of Special Education	Mr. Christopher Stofko	570-366-0511 ext. 2338
Principal	Mr. Kevin W. Berger	570-366-0511 ext. 2306
Assistant Principal	Mr. James Grabusky	570-366-0511 ext. 2303
Admin. Asst. to Principal for Pupil Personnel	Mr. Scott Spolski	570-366-0511 ext. 2312
Coordinator of Virtual Academy	Mr. John Rohrer	570-366-0511 ext. 2318
Guidance Counselor	Mrs. Danielle Laubenstine	570-366-0511 ext. 2309
Guidance Counselor/Director of Guidance	Mrs. Cheryl Pishock	570-366-0511 ext. 2310
Guidance Counselor	Mr. Kevin Gee	570-366-0511 ext. 2311
Guidance 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.

Now in our second year of implementing our "Career Academies", each student in grade 9 will be required to select one of five career pathways, while students in grade 10 will either continue in their current Career Academy, or they can choose to 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 with 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,

Kevin W. Berger

Mr. Kevin W. Berger
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 Naviance Career Software.

In tenth grade: Guidance counselors conduct classroom presentations on academic, career and post-secondary planning. Students receive further training on Naviance for ongoing development of their career portfolio. Students meet with counselors as needed on an individual basis. Students may elect to take the PSAT (Preliminary Scholarship Aptitude Test) in October. The optional ASVAB test for the military is given in November.

In eleventh grade: Counselors meet individually with all students and conduct large group guidance presentations on academic, career and post-secondary options. Students continue to use Naviance 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 November.

In twelfth grade: Guidance counselors conduct classroom presentations on the college admission and financial aid process. 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 November for seniors and their parents. The optional ASVAB test for the military is given in November.

Cheryl Pishock, Director of Guidance
Danielle Laubenstine, Counselor
Kevin Gee, Counselor

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I. RULES SPECIFIC TO VIRTUAL ACADEMY STUDENTS

- Courses are offered via online learning through the Virtual Learning Network (VLN). VLN is an on-line learning resource that will be utilized by students to fulfill course requirements.

- Students are required to participate in all state mandated testing.

- Students are required to complete all health services/screenings provided by the school.

- Students are responsible for meeting all graduation requirements including Graduation Project requirements and timelines.

- Parents will provide internet access in the home.

- Students will abide by school district and building policies when in attendance at school events, activities or on campus.

- Students must sign the Blue Mountain School District Acceptable Use Policy (AUP) for electronics.

- All materials will be returned in a timely manner and in good condition.

- Virtual Academy participants are enrolled as current students of the Blue Mountain School District. Participation in the Virtual Academy can be made after consultation among the student, parent(s)/guardian(s), Guidance, and District Administration.

- Students who are failing two (2) or more subjects at the end of the first enrolled marking period will be placed on academic probation. The student will be evaluated by the program coordinator and guidance at the end of the second enrolled marking period. A determination of continuation or removal in virtual academy will be decided at that time. Parent(s)/Guardian(s) and students will be notified of the decision.

- Students can be immediately removed from the Virtual Academy Program for consistently failing to complete assignments and/or not following program rules. This determination can be made by the Program Coordinator or District Administration.

II. TRANSFER REQUIREMENTS (SPECIFIC TO CURRENT BLUE MOUNTAIN STUDENTS)

- Students can enroll in the BMSD Virtual Academy Program at the beginning of a marking period.
- Students must be passing ALL COURSES in order to transfer into the VA program.
- Students must complete the enrollment form and have it signed by a parent/guardian.
- A student can enroll in the VA program immediately if a doctor's note is received identifying a current medical condition with a recommendation for immediate enrollment.
- Students who were previously enrolled in Virtual Academy (and withdrew or were dismissed) from the Program, may not re-enroll without Administrative Approval.
- Students wishing to return to the brick and mortar building must return at the beginning of the next marking period (unless the VA program has been revoked due to immediate academics, attendance, or discipline concerns
- Any other circumstance that would require an administrative conference and / or approval.

III. STRUCTURE OF THE "VLN" PROGRAM

- Students must log-in and attend their assigned virtual homeroom daily. While in virtual homeroom, students must follow all rules and instructions set forth by their homeroom teacher.
- Students must follow and abide by deadlines and due dates set forth by their Virtual Academy Instructors.
- Students must follow policies regarding acceptance of late work.
- It is the student and parent's responsibility to contact their Virtual Academy Instructor if they have a question or concern about a received grade.
- School work will be assigned in weekly modules.
    - STC students completing a full credit course during a semester will be assigned two modules per week.
- Students participating in the Blue Mountain School District Virtual Academy Program are eligible to participate in athletics, extracurricular activities, and STC courses; subject to all eligibility requirements.
- Students have access to their work 24/7.

IV. STUDENT HELP / TUTORING

- Students are offered an on-line orientation course that includes virtual academy instruction and procedures of the software application.
- Students can schedule meetings with the Program Coordinator as needed.
- Students are offered contact with VLN teachers via email, instant messaging, and live audio and video.
- Students have access to their assigned Guidance Counselor.
- Student Progress Reports (outlining grades and missing assignments) are emailed weekly to the student, parent/guardian, and Program Coordinator.
- Grades are updated weekly in PowerSchool.
- Report cards are emailed every 9 weeks.
- Students are to interact daily with their homeroom teacher and review work and current grades. Homeroom teachers will also assist students in weekly workload planning.
- All Virtual Academy Instructors have posted virtual office hours. During this time, students can log in and receive live one-on-one academic support with their Instructor.
- Students can access an online "help request form" at any time. This form will then be sent to their instructor and they will be contacted by their teacher as soon as possible.
- Students will have access to Virtual Academy Drop-in Centers. Drop-in Centers are located in the libraries of each school. Students will be able to access a computer, check out a book, use reference materials, and drop off forms for the building, class, or VA Coordinator in a designated VA mail bin (eg field trip permission form, picture money, etc)
- All submitted assignments/tests/etc. will be graded with comments/teacher feedback within 72 hours of submission.

V. TRANSPORTATION

- Transportation to and from the home to the school is the students' responsibility. Students can utilize their assigned bus in the morning and at dismissal if needed.
- If a student drives to school, they may park their car in their appropriately assigned student parking lot with an approved parking pass that can be attained in the high school guidance office.

VI. FINANCIAL OBLIGATIONS

- Outstanding obligations (fines for library books, lunch debt, and/or book/equipment debt) will result in withholding of academic grades until these obligations have been cleared.

- Any equipment and/or books damaged will be evaluated to determine the cost of repair or replacement value to which the student and/or parent(s)/guardian(s) will be required to pay.

- Students will be required to pay for all damage and labor to repair any component of their computer (or assigned electronic equipment) if it is determined the damage was done deliberately.

VII. ATTENDANCE

- All students are required to adhere to Virtual Academy Attendance policies.

- Failure to log-in to homeroom will result in the day being considered an unexcused absence. A note must be provided to homeroom teacher or Program Coordinator to excuse the absence.

- All VA students must adhere to the Blue Mountain School District policies regarding unexcused absences.

    - Continued failure to submit work could result in the day be considered an unexcused absence.

    - Absences of more than three consecutive days will require a medical note in order to be excused.

    - Students can be dropped from the rolls of the BMSD and Virtual Academy Program for 10 consecutive unexcused absences as per state law.

    - Students of compulsory school age must also comply with the Schuylkill County Truancy Policy.

        - Failure to comply with attendance policies could result in immediate truancy action and/or dismissal from the program.

VIII. BOOKS / EQUIPMENT

- Each student will receive a "Cyber School in a Box" or District issued equipment.

- All equipment will consist of a laptop computer, multi-function printer/scanner, and cables.

- Students will receive books for their courses. Books will either be online, mailed, or distributed by the Program Coordinator.

- Students must abide by the Blue Mountain School District's Acceptable Use Policy (AUP)

IX. SCHEDULING

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

Mrs. Danielle Laubenstine – Last Names "A" through "G"
Mrs. Cheryl Pishock – 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 program area 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. If a course meets five days a week for a semester, it would have a credit value of .50. If a course meets five days a week for the full year, it would have a total credit value of 1.00 (.50 for first semester and .50 for second semester.)

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.

X. SCHEDULING CHANGES:

Once the school year has begun, the following procedures will be followed for scheduling changes <u>when possible</u>; (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 beginning of the school year.
3. A student may request a course change for 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 is 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.
6. Students may not drop a scheduled course for a study hall.

XI. ACADEMIC YEAR

The Blue Mountain High School academic year is divided into four grading periods.

- Year-long courses = 180 Days
- Semester courses = 90 Days

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 written parent request. Report cards will be sent home at the end of each quarter.
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.

XII. CLASS RANK AND CREDIT WEIGHT

Rank-in-Class is the position of any one student in a graduating class in relationship to all other students in the graduating class based upon a weighted grade point system, cumulative to include all semesters. 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.
The purpose of Rank-in-Class is to aid the student in gaining acceptance to a college program that will match his/her academic ability by enabling college and university admissions officers to assess how the student compared academically to other members of his/her graduating class. Admission officers consider Rank-in-Class as one measure of industry and intellectual ability, two basic ingredients for success in college academic work.

A. Compute and report Rank-in-Class data following the end of each school year for students in the class.

B. Include all students in the class when computing Rank-in-Class excluding students visiting from foreign countries.

C. 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.

D. Exclude grades earned: (1) in courses graded on a pass/fail or other non-traditional grading system; (2) in courses that meet less than three periods per week except for health; (3) in courses scheduled beyond the normal school day, i.e., activity period, evenings, weekends, etc.; and (4) in courses at the post-secondary level, i.e., enrichment courses, unless approved through our dual enrollment program.

E. Compute each student's cumulative total weighted grade point average by using the procedures and formulas further described.

F. Convert all final percentage grades earned in each course to their grade point equivalent as follows:

XIII. 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

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

Course Level	**Course Weight**
Advanced Placement	1.00
Honors	0.50
College Preparatory	0.20
General	0.00
Selected electives	0.00 – 1.00

H. 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.

I. 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) x (CC) = (WQP)

(4.0 + 0.20) x (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 Senior Student:	Grade Earned	(GPE + CW) x (CC)	=	(WQP)
H English IV	95%	(3.5 + 0.50) x (1.0)	=	4.00
CP American Government	99%	(3.9 + 0.20) x (1.0)	=	4.10
CP Physics/Lab	88%	(2.8 + 0.20) x (1.0)	=	3.00
AP Calculus	85%	(2.5 + 1.00) x (1.0)	=	3.50
Computer Programming	80%	(2.0 + 0.20) x (1.0)	=	2.20
Spanish II	93%	(3.3 + 0.20) x (1.0)	=	3.50
Physical Education IV	90%	(excluded from RIC)		0.00
Senior year total weighted quality points				20.30
Prior 3 years: Cumulative total weighted quality points				62.20
All 4 years: Cumulative total weighted quality points				82.50 / 24 =
*Credit weight is not included in WQP for an F or F- grade.				3.44 GPA

J. A student's Rank-In-Class will be reported by their weighted "GPA".
Example: Stewart Dent ranks 6th in his class of 218 students based upon his weighted 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.

XIV. GRADUATION COURSE REQUIREMENTS (9th – 10th Grade)

Diplomas shall be granted to students who successfully complete 25 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 – 0.50	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 Cultures	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	4.0
Algebra I	0.00 – 0.50	1.0	
Algebra II	0.00 – 0.50	1.0	
Geometry	0.00 – 0.50	1.0	
Math Elective	0.00 – 1.00	1.0	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 (Intro. to Business / Life After H.S. / Y.E.S. 16-30)		0.5	1.5
Electives	0.00 – 1.00	5.5	5.5
		*Total	25.0

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.

GRADUATION COURSE REQUIREMENTS (9th – 10th Grade STC STUDENTS)

Diplomas shall be granted to students who successfully complete 25 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 – 0.50	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 Cultures	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	
Algebra II	0.00 – 0.50	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	8.0	8.0

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

*STC Program Levels I & II = 0.00 Credit Weight

*STC Program Levels III & IV = 0.20 Credit Weight

*Total 25.0

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.

GRADUATION COURSE REQUIREMENTS (11th – 12th Grade)

Diplomas shall be granted to students who successfully complete 23 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 – 0.50	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	1.0	
World Cultures	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	*3.0 or 4.0
Algebra I	0.00 – 0.50	1.0	
Algebra II	0.00 – 0.50	1.0	
Geometry	0.00 – 0.50	1.0	*3.0 or 4.0

accel. Alg. II (1.00), Geom. (1.00), Math elective (1.00)
*1.00 additional credit in Math or Science except

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
Electives	0.00 – 1.00	6.0	6.0
		*Total	23.0

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.

GRADUATION COURSE REQUIREMENTS (11th – 12th Grade STC STUDENTS)

Diplomas shall be granted to students who successfully complete 23 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 – 0.50	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	1.0	
World Cultures	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	3.0
Algebra I	0.00 – 0.50	1.0	
Algebra II	0.00 – 0.50	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:			
(Y.E.S. 1-15)		0.5	
(Y.E.S. 16-30)		0.5	1.0
Electives	0.00 – 0.2	6.0	6.0

*STC Program counts as 3.0 credits for 11th, & 12th grade students

*STC Program Levels III & IV = 0.20 Credit Weight

*Total 23.0

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.

XV. GRADUATION PROFICIENCY REQUIREMENTS

In addition to the course requirements established for Blue Mountain graduates, students will also be required to meet graduation proficiency requirements through Keystone Exams, and other measures as determined by the Pennsylvania Department of Education. Proficiency will be required for graduation in the following areas:

- 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.

XVI. GRADUATION PROJECT REQUIREMENT

Students will be required to complete a Graduation Project based on a minimum of 30 hours community service with an approved non-profit community organization. Along with the community service hours, the project includes an oral component requiring students to communicate their planning process, service hour experiences and knowledge gained from their project. The oral component will be completed with the student's graduation project advisor and fellow graduation project advisees. Students will be assigned an advisor who will serve as a mentor in guiding students through the process. The 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.**

XVII. 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 50-69% in required courses for graduation. A student may enroll in no more than two courses per program session. A course in which a student earns a grade of 49% 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.**

XVIII. 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 Cheryl Pishock, 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 A.P. exams at the regularly scheduled exam time. Students needing late testing accommodations will need to pay all associated fees.

XIX. 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. *Courses completed by students in eighth grade (ex. honors courses) are not credited as graduation requirements even if the course is completed in the High School. However, such courses are regarded as prerequisites for some high school courses. As part of a G.I.E.P. plan, students may take additional courses for advancement in course placement. Any course beyond the maximum credit load will be reflected on a transcript as an audit course. These additional courses are not used in rank and GPA calculation.

XX. 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 must meet necessary prerequisite course 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 must meet necessary prerequisite course and should follow the recommended grade requirements.

XXI. 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.

XXII. 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.
2017-2018 PIAA Constitution and By-Laws; Article X; Curriculum Sections 1 – 3.

XXIII. 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. **General level courses do 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.

XXIV. 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

Business

Career Choice Examples

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.

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

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

Art and Communication

Career Choice Examples

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

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

May Require High School Training or Special Certificate Training

Career Apprenticeships
Crafts, Folk Art & Artisanry
Photographer
Platemaker
Printer
Special Events Planner

Engineering and Technology

Career Choice Examples

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

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

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

Health and Science

Career Choice Examples

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

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

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

Human Services

Career Choice Examples

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

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

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

Business Academy

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

Grade 11		Grade 11 STC	
	credit		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	Program Electives (at STC)	3
Free Electives	1 – 1.5		
	7		7

Grade 10		Grade 10 STC	
	credit		credit
Algebra 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	Program Electives (at STC)	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12		Grade 12 STC	
	credit		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		
		Program Electives (at STC)	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)
Computer Applications
Business & Personal Law
Computer Programming
Honors Accounting
Honors Programming C++
Honors Finance and Economics
International Business
French III, IV, AP
Spanish III, IV, V
Public Speaking
Psychology
Sociology
Graphic Communications
Digital Media Honors
Statistics and Probability
AP/CP Statistics

* 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
Algebra I or Algebra II (accel.)	1	Algebra I	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	0.5	P.E./Driver's Ed	0.5
Effective Communication	0.5	Am. Hist. I (at STC)	1
Microsoft Office	0.5	Program Electives (at STC)	2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11		Grade 11 STC	
	credit		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	Program Electives (at STC)	3
Free Electives	1 – 1.5		
	7		7

Grade 10		Grade 10 STC	
	credit		credit
Algebra 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	Program Electives (at STC)	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12		Grade 12 STC	
	credit		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	Program Electives (at STC)	3
	7		7

Program Electives

Ceramics I/II	Creative Writing	Digital Media
Drawing I/II	Public Speaking	Pop Music
Painting	Journalism	History of Music
Honors Painting	Media Studies	History of Jazz
Design & Composition	TV Studio I/II	History of Rock & Roll
3D Design	A.P. Art History	Voice I/II
Art & The Computer	French III, IV, AP	Music Theory I/II
Art Talent 9	Spanish III, IV, V	Music Technology
Art Talent 10	Microsoft Office II	Music Appreciation
Honors Portfolio Prep.	Intro. To Graphic Arts	History of Broadway
YES (1-15)	Graphic Communication	Projects in Design
YES (16-30)	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		Grade 9 STC	
	credit		credit
Algebra I or Algebra II (accel.)	1	Algebra I	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	0.5	P.E./Driver's Ed	0.5
Effective Communication	0.5	Am. Hist. I (at STC)	1
Microsoft Office	0.5	Program Electives (at STC)	2
Program Elective	0.5		
Free Electives	1		
	7		7

Grade 11		Grade 11 STC	
	credit		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	Program Electives (at STC)	3
Free Electives	1 – 1.5		
	7		7

Grade 10		Grade 10 STC	
	credit		credit
Algebra 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	Program Electives (at STC)	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12		Grade 12 STC	
	credit		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		
		Program Electives (at STC)	3
	7		7

Program Electives

Introduction to STEM	Pre-Engineering	Statistics and Probability
Intro. to Earth / Space Science	Construction Technology	Honors Pre-Calculus
Global Sustainability	Woodworking Technology I & II	A.P. Statistics
Honors Organic Chemistry	Technical Drawing / CADD	A.P. Calculus
Environmental Science	Architectural Design	French III, IV, AP
A.P. Environmental Science	Vex Robotics	Spanish III, IV, V
A.P. Physics	Algebra III	YES (1-15)
A.P. Biology	Trigonometry	YES (16-30)
Introduction to Materials Processing	Math and Technology	Media Studies
Introduction to Graphic Arts	Discrete Math	TV Studio I & II

* 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	Electronics Technology	Pre-engineering Technology
Collision Repair & Custom Refinishing	Masonry Technology	Residential / Industrial Electricity
Computer Information Systems	Plumbing & Heating Technology	Small Engine Technology
		Welding Technology

Health and Science Academy

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

Grade 11		Grade 11 STC	
	credit		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	Program Electives (at STC)	3
Free Electives	1 – 1.5		
	7		7

Grade 10		Grade 10 STC	
	credit		credit
Algebra 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	Program Electives (at STC)	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12		Grade 12 STC	
	credit		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	Program Electives (at STC)	3
	7		7

Program Electives

Introduction to STEM
Introduction to Sports Medicine
Global Sustainability
Intro. to Earth / Space Science
Environmental Science
Honors Organic Chemistry
CP/Honors Anatomy
A.P. Environmental Science
A.P. Physics
A.P. Biology
Child Development
Algebra III
Trigonometry
Math and Technology
Discrete Math
Statistics and Probability
Honors Pre-Calculus
CP/A.P. Statistics
A.P. Calculus
French III, IV, AP
Spanish III, IV, V
YES (1-15)
YES (16-30)
Psychology
Sociology

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

STC Courses

Health Careers

Human Services Academy

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

Grade 11		Grade 11 STC	
	credit		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	Program Electives (at STC)	3
Free Electives	1 – 1.5		
	7		7

Grade 10		Grade 10 STC	
	credit		credit
Algebra 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	Program Electives (at STC)	3
Program Electives	1		
Free Elective(s)	0.5 – 1		
	7		7

Grade 12		Grade 12 STC	
	credit		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		
		Program Electives (at STC)	3
	7		7

Program Electives

Contemporary Events & Humanities	Media Studies	Child Development
Introduction to Sports Medicine	Music Technology	Global Sustainability
Comparative Religions	Music Appreciation	Statistics and Probability
History of Genocide	Voice I & II	AP/CP Statistics
Psychology	Music Theory I & II	Public Speaking
Sociology	History of Music	Microsoft Office II
A.P. American History	History of Jazz	French III, IV, AP
A.P. Art History	History of Rock & Roll	Spanish III, IV, V
A.P. World History	Culinary Arts I/II	YES (1-15)
Photography	Global Foods	YES (16-30)
Digital Media	Early Childhood Education	

* 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

XXV. ENGLISH OFFERINGS

English I (BMSD Customoized Course) **Credit: 1.00**

Students will complete all the components of Basic English 9 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. [Can be offered at CP or General Level]

Honors English I (BMSD Customized Course) **Credit: 1.00**

Students will complete all the components of Basic and CP English 9. 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 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. Almost all of the reading at the honors level is done independently. Students will be held to the MLA writing standards for all writing pieces throughout the year. Students also receive a large portion of their grade based on class participation and are expected to lead class discussions as the course builds. ***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.***

9th Grade Language Arts **Credit: 1.00**

In this entry-level high school course, students explore fiction and nonfiction writing techniques such as foreshadowing and theme. They read classic literature and authors and become acquainted with Shakespeare's Romeo and Juliet, excerpts from Maya Angelou's I Know Why the Caged Bird Sings and various poems by Robert Frost. They continue to develop their writing skills as they compose increasingly sophisticated and well-organized narrative, persuasive and informative essays.

Honors English II (BMSD Customized Course) **Credit: 1.00**

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.***

English II (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or General Level]

10th Grade Language Arts **Credit: 1.00**

The focus in 10th Grade Language Arts is on multicultural literature. Students read classic dramas such as Shakespeare's Julius Caesar and Sophocles' Antigone while also coming to appreciate Japanese tankas and Mark Twain's wit. Students study literary techniques, including: plot structure, symbolism and more. After reading these various styles of writing, students get to try their hands at drafting their own examples, which they work to improve through the writing process.

English III (BMSD Customized Course) **Credit 1.00**

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. [Can be offered at CP or General Level]

Honors English III (BMSD Customized Course) **Credit 1.00**

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.***

English III – Foundations (BMSD Customized Course) **Credit 1.00**

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 of conviction.

11th Grade Language Arts **Credit: 1.00**

In 11th grade, students study American literary traditions. They learn about such literary schools and influences as Puritanism, Transcendentalism, Romanticism, the Harlem Renaissance and Modernism. In addition to an extensive research paper, students write narrative, persuasive and informative essays.

English IV (BMSD Customized Course) **Credit: 1.00**

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 of persuasion in an effort to improve communication and argumentative skills. [Can be offered at CP and General Level]

Honors English IV (BMSD Customized Course) **Credit: 1.00**

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.***

English IV – Foundations (BMSD Customized Course) **Credit: 1.00**

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 persuasive speech and class discussion.

12th Grade Language Arts **Credit: 1.00**

Students in this course study important British literature, including Beowulf, Macbeth and Gulliver's Travels, as well as read poignant examples of writing from literary schools such as Romanticism and the Victorians. There is a strong emphasis on writing throughout the course, which culminates with an extensive research paper.

Effective Communication (BMSD Customized Course) **Credit: .5**

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. 25 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.

AP English Language and Composition — Credit: 1.00

This college-level course is designed to provide the in-depth reading and writing skills that students need for college success. Critical and responsive reading skills are cultivated and developed using diverse fiction and nonfiction texts. Writing activities support and deepen students' understanding and control of formal conventions of written language, while broadening their understanding of how language is used rhetorically in formal and informal texts. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP English Language and Composition Exam.

AP English Literature and Composition — Credit: 1.00

This college-level course helps students hone their critical literary analysis skills. Through intensive reading assignments, students explore language, character, action and theme. Students also write compositions representing a variety of genres, including literary analysis, exposition, argument, narrative and creative writing. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP English Literature and Composition Exam.

Keystone Exam Prep: Literature and English Composition — Credit: 1.00

This writing-intensive course provides a thorough and rigorous foundation for high school students looking to succeed on Pennsylvania's Keystone Exam in Literature and English Composition. Focusing directly on 2012 Assessment Anchors and Eligible Content and specifically designed with questions that are directly modeled after the questions on the Keystone Exam, this course provides high school students with the practice and precision that is necessary for success on the exam.

Keystone Exam Remediation: Literature — Credit: 0.25

This writing-intensive course provides a thorough and rigorous foundation for high school students looking to succeed on Pennsylvania's Keystone Exam in Literature and English Composition. Focusing directly on 2012 Assessment Anchors and Eligible Content and specifically designed with questions that are directly modeled after those on the Keystone Exam, this course provides high school students with the practice and precision that is necessary for success on the exam. This course is an intensive 6-week version of the prep course, which prepares students to be successful on the Keystone Exams during the retesting opportunity.

Creative Writing — Credit: 0.50

This course explores strategies used in creative writing and helps students to develop a deeper appreciation of good writing and established authors. Students create a variety of works ranging from poems to short stories. While writing prose, students review rules and guidelines for correct punctuation, grammar and sentence structure. Effective, appropriate and economical word choice is also practiced.

Journalism — Credit: 1.00

This high school course includes a brief history of American journalism and discusses the duties of a journalist. Additional topics that are taught in this course include the rights and responsibilities of journalists, style and editing, news writing, sports writing, feature writing, editorial writing, newspaper design, yearbook design, advertising and much more.

Mythology — Credit: 0.50

This course analyzes Greek and Roman myths about creation, nature, love and heroism. Students study the classics, becoming acquainted with some of the most famous stories of all time. They also discover the beginnings of drama and man's attempt to explain his universe as they delve into myths about Greek and Roman gods and their relationships with mortals.

The Bible as Literature — Credit: 0.50

This course provides a comprehensive study of the Bible, focusing on literary and historical perspectives. Students study the Bible as a series of texts developed to convey messages and concepts to a specific audience. They explore literary forms, strategies, styles and techniques within the historical and physical context of the times and places in which these scripts were written.

World Literature — Credit: 1.00

This 36-week course is designed for the accelerated learner who wants to broaden their exposure to essential world texts and deepen their experience with literary analysis. Critical thinking skills will be developed as students analyze texts from the Mediterranean, Ancient India, Eastern Europe and Asia.

MATHEMATICS OFFERINGS

Algebra I (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

Honors Algebra I (BMSD Customized Course) **Credit: 1.00**

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.

Algebra I (VLN) **Credit: 1.00**

At this level, students study the existence of patterns within mathematical models and display them graphically. They examine varying rates of change and the impact of a changing variable on an algebraic expression. These skills will be used to perform various mathematical operations on polynomial expressions.

Geometry (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

Geometry (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at general or LS level]

Geometry (VLN) **Credit: 1.00**

In this geometry course, students learn about associations between geometry, algebra and measurement. Students are encouraged to analyze 2- and 3-dimensional geometric shapes and understand relationships between shapes. They utilize the coordinate plane to demonstrate relationships between points.

Honors Geometry (BMSD Customized Courses) **Credit: 1.00**

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.

Algebra II (BMSD Customized Course) **Credit: 1.00**

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 studies include operations on real and complex numbers, working with nonlinear 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. [Can be offered at CP or general level]

Honors Algebra II (BMSD Customized Course) **Credit: 1.00**

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 nonlinear 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.

Algebra II (VLN) **Credit: 1.00**

As a continuation of skills learned in Algebra I, students now focus on evaluating and solving algebraic, quadratic, exponential and logarithmic expressions. These concepts will be integrated into mathematical and geometric models involving series and sequences. Students study these models through a combination of systems of equations and graphing.

College Algebra III (BMSD Customized Course) **Credit: .5**

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.

Trigonometry **Credit: 1.00**

This course in trigonometry helps students gain an understanding of exponential, logarithmic and trigonometric functions. Students are exposed to symbols, terminology and rules of trigonometry. They learn how to identify, describe, analyze and evaluate polynomial forms of these functions.

Pre-Calculus **Credit: 1.00**

In this course, students will be exposed to a wide array of mathematical concepts. Topics will include: Fundamentals of Calculus, Equations and Inequalities, Functions, Polynomial and Rational Functions, Applications to Optimization, Trigonometric Functions and Conic Sections. Throughout this course, students will be exposed to these topics and have an opportunity to explore additional topics in algebra.

Calculus — Credit: 1.00

In this advanced math class, students focus intensively on plane analytic geometry and solid analytic geometry. This concept is then integrated with differential and integral calculus. In addition to the mechanics of differential and integral calculus, the mean value theorem, the fundamental theorems of differential and integral calculus and ordinary and uniform continuity are emphasized. Limit theory and application of differential calculus are also studied.

AP Calculus (AB) — Credit: 1.00

This college-level course addresses such topics as elementary functions, properties of functions and their graphs, limits and continuity, differential calculus and integral calculus. Students are expected to work with functions graphically, numerically and analytically. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Calculus AB Exam.

AP Calculus (BC) — Credit: 1.00

This college-level course focuses on the calculus of functions of a single variable. Students will build upon topics taught in Calculus AB, including but not limited to limits, derivatives, integrals and approximation. Throughout the course, emphasis is placed on using multiple representations by expressing concepts graphically, numerically, analytically and verbally. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Calculus BC Exam.

AP Statistics — Credit: 1.00

AP Statistics is designed to introduce students to the major concepts and tools for data collection and analysis. Students will draw conclusions from data using technology and problem solving. Major themes covered in this course include data exploration, sampling and experimentation, patterns, and statistical inference. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Statistics Exam.

Keystone Exam Prep: Algebra I — Credit: 1.00

This course is designed to provide students with essential ideas in Algebra I. Students enrolled in this course will review concepts such as defining, evaluating and comparing functions, linear equations, interpreting rate as slope and solving systems of equations. In addition to these concepts, students will also review creating graphs from data, displaying frequencies in a two-way table and identifying patterns of association.

Keystone Exam Remediation: Algebra I — Credit: 0.25

This course is designed to remediate students with essential ideas in Algebra I. Students enrolled in this course will review concepts such as defining, evaluating and comparing functions, linear equations, interpreting rate as slope and solving systems of equations. In addition to these algebra-related concepts, students will also review congruence and geometric translations, angles, creating graphs from data and displaying frequencies in a two-way table and identifying patterns of association. This course is an intensive 6-week version of the prep course, which prepares students to be successful on the Keystone Exams during the retesting opportunity.

SAT Prep - Math **Credit: 0.50**

This course is designed to prepare students for the math portion of the SAT. Students enrolled in this course spend a great deal of time understanding the SAT and honing the skills needed for test taking. They develop higher-order math strategies and problem-solving skills. They also work on a variety of math problems ranging from algebra to calculus in preparation for the SAT.

Business Math **Credit: 1.00**

This high school business course is structured utilizing a three-pronged approach: basic math review, personal finance and business mathematics. It builds and strengthens students' basic math skills in personal and business mathematics.

Probability and Statistics **Credit: 1.00**

This course introduces students to sampling methods, descriptive statistics and probability distributions. Students learn how to take effective samples and create valid experiments. They acquire tools and knowledge that will enable them to effectively evaluate and interpret data.

Consumer Mathematics (BMSD Customized Course) **Credit: 1.00**

This course is designed to further the student's knowledge of real-life functional math skills. It provides 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. [Offered at general or ls level]

SCIENCE OFFERINGS

Physical Science (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

General Science **Credit: 1.00**

Students beginning high school will benefit greatly from taking this course designed to merely introduce the many areas of science. In this course, students will be introduced to the subjects of physics, chemistry, biology, Earth science, and astronomy. Upon completion, students will receive the background knowledge necessary to feel confident going into any of their future science courses.

General Lab Science (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at general or LS level]

Biology (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

Biology (VLN) **Credit: 1.00**

This biology course includes topics of study such as cell structure and function, photosynthesis, cellular respiration, mitosis and meiosis, genetics and heredity, evolution and ecology and environmental sciences. Students will be able to apply the theory of cell biology to all living organisms.

Chemistry **Credit: 1.00**

In this class, students are introduced to principles of chemistry and their applications. The course explores general chemistry topics and problem solving skills. Topics covered include: matter and change, measurement, the periodic table, chemical bonding and reactions, stoichiometry and reaction kinetics.

Physics **Credit: 1.00**

Students study algebra-based concepts in this course that emphasize kinematics in one and two dimensions, forces and Newton's Laws of Motion, work and energy, circular motion, momentum and collisions, vibration and waves and electrical energy. They further develop problem-solving skills that can be applied across the sciences.

Environmental Science **Credit: 1.00**

Through this environmental science course, students extensively explore biological and ecological topics, including: ecosystems, human populations, biodiversity, renewable and non-renewable resources and waste. They learn how humans impact the environment and about the economics and policies related to environmental issues.

AP Biology **Credit: 1.00**

This college-level course focuses on conceptual understandings of four big ideas: 1) The process of evolution drives the diversity and unity of life; 2) Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; 3) Living systems store, retrieve, transmit and respond to information essential to life processes; 4) Biological systems interact, and these systems and their interactions possess complex properties. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Biology Exam.

AP Chemistry (Onsite Lab Required) **Credit: 1.00**

This college-level course covers such topics as atomic theory and structure, chemical bonding, states of matter and reactions. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Chemistry Exam.
***NOTE**: Students who sit for the AP Chemistry Exam MUST complete hands-on labs provided by the school district.*

AP Environmental Science **Credit: 1.00**

This college-level course provides students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze environmental problems that are both natural and human-made. They will evaluate the risks associated with these problems and examine alternative solutions to addressing them. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Environmental Science Exam.

AP Physics 1: Algebra-Based (Onsite Lab Required) **Credit: 1.00**

This college-level course is an algebra-based, introductory physics course. Students explore topics such as Newtonian mechanics, rotational motion, work, energy, power, mechanical waves, sound and an introduction to circuits. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Physics 1: Algebra-Based Exam.
***NOTE**: Students who sit for the AP Physics 1: Algebra-Based Exam MUST complete hands-on labs provided by the school district.*

AP Physics 2: Algebra-Based (Onsite Lab Required) Credit: 1.00

This college-level course is an algebra-based, introductory physics course. Students explore topics such as fluid statics and dynamics; thermodynamics with kinetic theory; PV diagrams and probability; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic and nuclear physics. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Physics 2: Algebra-Based Exam.
***NOTE**: Students who sit for the AP Physics 2: Algebra-Based Exam MUST complete hands-on labs provided by the school district.*

Keystone Exam Prep: Biology Credit: 1.00

This course in biology is designed to cover the assessment anchors involved in the Keystone Biology Exam. This course focuses heavily on cellular life and processes, but also includes DNA, evolution, genetic engineering and ecosystem interactions.

Keystone Exam Remediation: Biology Credit: 0.25

This course in biology is designed to cover the assessment anchors involved in the Keystone Biology Exam. This course focuses heavily on cellular life and processes, but also includes DNA, evolution, genetic engineering and ecosystem interactions. This course is an intensive 6-week version of the prep course, which prepares students to be successful on the Keystone Exams during the retesting opportunity.

Anatomy and Physiology Credit: 1.00

This intensive course gives students an overview of human anatomy and physiology. It covers information about the human body at the cellular and chemical levels. Students learn about control and regulation of each of the systems in the human body and how each of the systems applies to disease and development.

Animal Husbandry Credit: 0.50

Students interested in animals and agriculture will enjoy this elective course designed to introduce students to animal science. Throughout the course, students will be encouraged to learn about a variety of areas, including: nutrition, anatomy and physiology, biotechnology, biosecurity, and genetics and animal reproduction. Additionally, students will have the opportunity to explore the various aspects of a career in animal husbandry.

Astronomy I Credit: 0.50

Students explore the process of astronomical scientific discovery and begin to develop an understanding of the integrated study of the universe, which includes concepts of physics, mathematics and chemistry. This course traces astronomy's observational foundation and continues to an in-depth exploration of our solar system. It emphasizes critical thinking and visualization.

Astronomy II Credit: 0.50

At this level, students complete an extensive survey of the universe, moving beyond the exploration of our solar system found in Astronomy I to the vast wonders of our galaxy and larger cosmological concepts and structures. Other topics covered extensively include stellar formation, evolution, novae, supernovae and black holes and other strange objects. Additionally, students learn about the birth, future and fate of the universe, as well as theories of extraterrestrial life and our place in the cosmos.

Conceptual Physics — Credit: 1.00

Students following the non-academic route will benefit from taking this physics course designed to introduce the concepts before computations. This design will provide students with the solid foundation needed to understand complex topics such as energy conservation, motion, and magnetism. Students following the academic route can also benefit from this course by taking it before a standard high school physics course.

Forensic Science — Credit: 1.00

Students interested in criminal justice and crime scene investigation will enjoy this elective course designed to introduce students to the world of forensic science. Throughout the course, students will be encouraged to combine their math, chemistry, biology, physics, and earth science skills in order to analyze multiple case studies. Additionally, students will be given the opportunity to explore the various aspects of having a career in forensic science.

Introduction to Agriculture — Credit: 0.50

This elective course is designed to introduce students to the agricultural industry. Throughout the course, students will use the basic principles of science as they apply to plants, animals, soils, and food. Additional topics such as food science and communication and management are also explored. Upon completion, students will receive the background knowledge necessary to feel confident going into any of their future agricultural courses.

Introduction to Horticulture — Credit: 0.50

This elective course is designed to introduce students to the topic of horticulture. Units within this course include: environmental requirements for good plant growth, grafting, and integrated pest management with an emphasis on the new and emerging technology associated with horticulture. Additionally, students will be able to learn more about the various career options in this field.

Introduction to STEM — Credit: 0.50

This course is designed to introduce the four areas of STEM by exposing students to numerous practical examples of the impacts of technology on our world. Upon completion, students will have the confidence to describe why technological systems in various fields work the way they do.

Oceanography — Credit: 1.00

Students taking this course will combine their knowledge of geology, chemistry, physics, and biology to examine and learn more about our Earth’s oceans. This course is designed to allow students to take away a fundamental understanding of how the oceans work and why they behave in the ways that they do. Overall, this elective course does a good job of explaining the larger picture of how our oceans interact with all of the systems on Earth.

SOCIAL STUDIES OFFERINGS

American History I (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

American History II (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

World Cultures (BMSD Customized Course) **Credit: 1.00**

The word culture in this course is used in its broadest sense to include the total way of living of a people -- their geography, history, ways of making a living, their religion and values, their social organization and creative arts. The culture areas to be studied include, but are not limited to, Western Europe, Eastern Europe, East Asia, South Asia, Southeast Asia, Australia/Oceania, and the Middle East. Their role in international affairs will be examined. The study includes a look at major issues in these regions today such as the population problem, the food problem, economic development or lack of it, war and peace. [Can be offered at CP or general level]

Civics **Credit: 1.00**

In this class, students take an engaging, current and relevant look at the foundations of American government, citizenship and the American economic and legal systems. A wide variety of instructional tools are used to motivate students to participate, make decisions and take action both in and out of the classroom.

High School World History **Credit: 1.00**

High school students explore the history of our world from ancient civilizations to the modern world in this course. They further examine the themes of world history (geography, economics, government, citizenship, culture, global relations, science and technology and constitutional heritage). The text supports higher-level thinking with primary sources, maps and online resources.

Modern America (Reconstruction to Present) **Credit: 1.00**

This course provides students with an overview of American history starting with Reconstruction and continuing on to modern day. World War I, World War II and the post-World War II periods are extensively explored.

Economics/American Government **Credit: 1.00**

At this level, students achieve a fundamental understanding of core economic principles though a multi-dimensional program. Through text, graphics, videos and online resources, key concepts are developed and supported by a variety of activities to help students apply their newly-acquired knowledge to the real world. Students will also study critical components of our government system. By examining a variety of primary sources and current events, they will learn about the three branches of government and how each works independently and interdependently.

American Government **Credit: 1.00**

This course provides an introduction to the workings of the American system of government. Students study critical components of our government system today — such as the Constitution and the amendments. They learn about the three branches of government, the role each plays and how each works independently. Students also examine current events as a major part of the course.

Government (BMSD Customized Course) **Credit: 1.00**

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. [Can be offered at CP or general level]

Honors American Government (BMSD Customized Course) **Credit: 1.00**

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.

Economics **Credit: 1.00**

This course equips students with an understanding of basic economic principles and how they relate to real-world situations. Students study the roles of government, business and individuals within different levels of the economy. They also examine the varying challenges and variables within economic systems.

AP Macroeconomics **Credit: 1.00**

The purpose of the AP Macroeconomics course is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Macroeconomics Exam.

AP Microeconomics **Credit: 1.00**

The purpose of the AP Microeconomics course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economics system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Microeconomics Exam.

AP United States History **Credit: 1.00**

This college-level course is an intensive study of United States history from 1492 to the present. Students learn how to analyze, evaluate and interpret historical sources and evidence. This course requires extensive reading, research and writing and meets the rigorous standards of the College Board. It was designed to prepare students to sit for the AP U.S. History Exam.

AP European History — Credit: 1.00

This college-level course covers European history from the High Renaissance to the present. Topics include important political, economic, religious, social and intellectual developments that occurred in Europe during that time period. Students demonstrate understanding of historical events and themes through a variety of challenging and engaging writing assignments. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP European History Exam.

AP World History — Credit: 1.00

This college-level course examines world history over the past thousand years. Students develop a deeper understanding of the evolution of and interactions between cultures, regions and institutions. By concentrating on historical global events, students also explore the impact of changes within an international framework. Challenging and engaging assignments reinforce the content. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP World History Exam.

AP United States Government and Politics — Credit: 1.00

This college-level course will give students an analytical perspective on government and politics in the United States. This course includes both the study of concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will be able to describe and compare concepts and theories pertaining to U.S. government, explain patterns of political process and behaviors, interpret data and critically analyze relevant theories and concepts. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP U.S. Government and Politics Exam.

AP Human Geography — Credit: 1.00

This college-level course will introduce students to the systematic study of patterns. Aside from interpreting maps and analyzing geospatial data, students will learn to define regions and evaluate the regionalization process, characterize and analyze changing interconnections among places, and understand and explain the implications of associations and networks among phenomena in places. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Human Geography Exam.

AP Psychology — Credit: 1.00

This college-level course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They will also learn about the ethics and methods psychologists use in the science and in practice. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Psychology Exam.

American Civil War — Credit: 0.50

This course provides an in-depth look at the most pivotal and defining era in American history. Students will examine the growing political, economic, and cultural rift between the American North and South that led to disunion and war. Students will "experience" the war through primary and secondary resources as they explore the fundamental causes of the war and the war years themselves, both at home and on the battlefield.

American Government — Credit: 0.50

This course provides an introduction to the workings of the American system of government. Students study critical components of our government system today — such as the Constitution and the amendments. They learn about the three branches of government, the role each plays and how each works independently. Students also examine current events as a major part of the course.

Economics — Credit: 0.50

This course equips students with an understanding of basic economic principles and how they relate to real-world situations. Students study the roles of government, business and individuals within different levels of the economy. They also examine the varying challenges and variables
within economic systems.

Psychology — Credit: 0.50

This introductory psychology course acquaints students with basic principles of psychology. Students learn about how concepts they encounter in the course have real-life applications. The text is supported by online resources, videos and quizzes.

Sociology — Credit: 0.50

This sociology course explores the interactions and relationships of the varying groups within society. Students investigate the roles of societies' institutions and the effects of these institutions on different demographics. They also learn about the challenges and problems faced by communities.

World Religions — Credit: 0.50

This course explores the development, doctrines and practices of today's major faiths. Students begin by examining personal religious development and then survey major religious movements. Detailed information about the beliefs and practices of Hinduism, Jainism, Buddhism, Daoism and Confucianism, Shinto, Judaism, Christianity, Islam and Sikhism are presented. New-Age religious movements and religion in the 21st century complete this extensive exploration of faith and beliefs.

PHYSICAL EDUCATION AND HEALTH OFFERINGS

High School Physical Education — Credit: 1.00

High school students acquire a more advanced understanding of health and wellness information that they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision-making skills are taught and practiced throughout the course as students are encouraged to recognize their power to choose healthy behaviors to reduce risks. The physical education component includes an activity log with an expectation of at least 90 minutes of documented physical activity per five days of school weekly.

VLN - High School Physical Education — Credit: 0.50

This textbook-independent course focuses on vital exercise- and nutrition-based concepts to give students a well-rounded understanding of healthy lifestyle choices. The course also includes a weekly activity log with an expectation of at least 90 minutes of documented physical activity per five days of school.

Health I — Credit: 0.50

High school students enrolled in this health course focus on three dimensions of human health and development: physical, emotional and social. They learn how to make good decisions about their health. Topics covered include: nutrition, fitness, drug abuse, mental health and related information.

Health II — Credit: 0.50

Students build upon the knowledge they acquired in Health I as they learn more about the three dimensions of human health and development. Topics of study include: different body systems, first aid and safety. Students also gain a deeper understanding of the importance of good decision making as it relates to these topics as well as others.

Food and Nutrition — Credit: 1.00

This course helps students better understand the principles of nutrition. Students gain a basic knowledge of nutrition and good health. They study healthy preparation and care of food as well as food management. They also learn about the food science involved in the preparation process.

PA Driver's Education — Credit: 0.50

The PA Driver’s Education course provides an introduction to driver theory. Topics include signs and signals, safety, managing speed, driving practices, handling emergencies and the Pennsylvania point system. Also covered are transportation-specific laws and regulations such as substance abuse and seatbelt laws.

WORLD LANGUAGES OFFERINGS

French I **Credit: 1.00**

Beginning French students are introduced to the basic elements of French as they move through the early stages of language acquisition. They study major vocabulary categories, verb tenses and other fundamental components of French grammar. The main purpose of the course is to help students communicate in French at a basic level, appreciate the French-speaking world and develop cultural awareness.

French II **Credit: 1.00**

French II students review the basic elements of French grammar acquired in French I and then will greatly expand their communicative abilities. The textbook is written entirely in French, which helps students advance their knowledge of French grammar, structure and vocabulary. Their language skills increase so they are able to participate more fully in general conversations, read more sophisticated passages and write with a firmer command of syntactical structures. Cultural awareness is also further developed.

French III **Credit: 1.00**

French III students will continue to study grammar and verbs, read and discuss French fiction and nonfiction, write compositions, and prepare and present advanced conversations. Their language skills increase so they are able to participate more fully in general conversations, read more sophisticated passages and write with a firmer command of syntactical structures. Cultural awareness is also further developed.

German I **Credit: 1.00**

German I students are introduced to the German language through basic vocabulary and grammar. Students learn about German culture while gaining familiarity with the German language. Communication and conversation skills are emphasized through the use of technology and supplemental materials.

German II **Credit: 1.00**

In German II, students build on their background from German I and increase proficiency in reading comprehension, written skills, and conversation. Students learn how to ask for information, describe people and places and communicate in sentence form. Cultural awareness is also strengthened through written exercises and readings.

Latin I **Credit: 1.00**

Students are introduced to Latin language and ancient Roman culture. Focus is placed on basic grammar, syntax and vocabulary. Students explore Latin and English words through a set of recorded Latin stories with English translations. Upon completion of this course, students will be able to read and write in Latin on a basic level.

Latin II **Credit: 1.00**

Students enrolled in Latin II will expand upon what they learned in Latin I. They increase their skills and depth of knowledge through the practice of structures, forms and vocabulary.

Mandarin Chinese I **Credit: 1.00**

Mandarin Chinese I students are introduced to Chinese language and culture. Topics of study related to language acquisition include: basic syntax, simple vocabulary, written characters and spoken tone. Students also learn about Chinese culture through exploration of art, literature, customs and history.

Mandarin Chinese II — Credit: 1.00

Mandarin Chinese II students build upon skills developed in Chinese I. They are better able to understand and express themselves in Chinese and increase their vocabulary. They continue to explore the customs, history and art of Chinese-speaking people.

Spanish I — Credit: 1.00

Spanish I students are introduced to the Spanish language through basic vocabulary and grammar. Students study the present tense of both regular and irregular verbs and are introduced to affirmative commands and the present progressive tense. Students are able to greet others, introduce themselves and communicate in short conversational phrases. Students learn about the culture and history of the Spanish-speaking world, culminating in a project about a country of their choice.

Spanish II — Credit: 1.00

Spanish II students review the basic elements of Spanish grammar acquired in Spanish I and expand their vocabulary. Students master the present progressive verb tense and are introduced to the preterit tense. Students are able to ask for information, describe people and places and communicate in sentence form. Students continue to learn about the different perspectives, practices and products of the Spanish-speaking world.

Spanish III — Credit: 1.00

Spanish III students review the basic elements of Spanish grammar acquired in Spanish I and II and expand their communicative abilities. Students master the preterite verb tense and are introduced to the imperfect and future tenses and the present subjunctive. Students will communicate in paragraph form and explain events that have happened in the past, as well as describe events that will take place in the future. Students continue to learn about the Spanish-speaking world through art, literature and music.

Spanish IV — Credit: 1.00

Spanish IV students review the grammar concepts previously learned in Spanish I, II and III, including the present, preterite, imperfect and future verb tenses. Students will further their knowledge of the Spanish language by learning the command forms and delve more in-depth with the various forms of the subjunctive tense. Students will continue to learn about the Spanish-speaking world through authentic literature and poetry.

AP Spanish Language and Culture — Credit: 1.00

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The course strives to not overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, practices, and perspectives. This course meets the rigorous standards of the College Board and was designed to prepare students to sit for the AP Spanish Language and Culture Exam.

BUSINESS EDUCATION AND COMPUTER OFFERINGS

Accounting I — Credit: 1.00

Accounting I students learn how to maintain accurate business records. Students study business transactions, including working with source documents, handling ledger accounts, preparing worksheets and working with financial statements. They will gain a real-world understanding of the applications of accounting.

Business and Personal Law — Credit: 1.00

This course examines legal obligations of parties involved in housing, business and personal endeavors. Topics of study include contractual obligations, corporate responsibilities and marriage/divorce law.

Career Exploration — Credit: 0.50

The Career Exploration course equips students with a background and process for successfully transitioning from school (high school or college) to a career. Students complete a self-assessment — analyzing their interests, skills and goals — to begin the development of a targeted approach to their next educational steps and, ultimately, their careers. Additionally, students study and practice practical skills such as resume writing and interviewing. Various career opportunities are presented as well as the tools students need to further understand and research their own career directions.

Introduction to Computer Programming — Credit: 0.50

This course is directed towards students interested in gaining programming experience. The main objective of this course is to provide students with an understanding of computation and its usefulness. It also aims to provide students with the ability to write small programs that allow them to complete various goals. Students who enroll in this class will use the Python programming language.

Marketing — Credit: 1.00

The Marketing course introduces students to basic marketing techniques and business decision-making processes. Students study the marketing process and increase their knowledge of markets, buyers, promotion and pricing. The course aims to improve students' understanding of how professional advertising agencies design, market and distribute their products.

Microsoft Office I (BMSD Customized Course) — Credit: .5

This course offers advanced training in the various components of Microsoft Office software; Word, Excel, and Publisher are used in this semester course. Students will use critical thinking skills to complete a wide variety of tasks that integrate the applications.

Microsoft Office 2010 and Computer Applications — Credit: 0.50

This course covers computer basics and focuses on detailed uses of Microsoft Office 2010 programs, including Word, PowerPoint and Excel. It allows students to explore the new features built into the 2010 edition. In addition to exploring these programs, students study content related to Internet literacy, email etiquette, copyright/ethics issues and HTML programming. They use this knowledge to increase their communication and technology skills.

Microsoft Office 2010 and Computer Applications — Credit: 1.00

This course covers computer basics and focuses on detailed uses of
Microsoft Office 2010 programs, including Word, PowerPoint and Excel. It allows students to explore the new features built into the 2010 edition. In addition to exploring these programs, students study content related to Internet literacy, email etiquette, copyright/ethics issues and HTML programming. They use this knowledge to increase their communication and technology skills.

Microsoft Office 2013 and Computer Applications — Credit: 0.50

Microsoft Office has been and continues to be a cornerstone of essential software suites that all people need to understand. This 18-week course explores Microsoft Office 2013 both in general and explores the nuances of this specific version of the software suite. Software is only as user-friendly as the user's ability to understand and manipulate it. This course sets students up to understand and use Microsoft Office 2013 with ease.

Microsoft Office 2016 and Computer Applications — Credit: 0.50

Microsoft Office has been and continues to be a cornerstone of essential software suites that all people need to understand. This 18-week course explores Microsoft Office 2016 both in general and explores the nuances of this specific version of the software suite. Software is only as user-friendly as the user's ability to understand and manipulate it. This course sets students up to understand and use Microsoft Office 2016 with ease.

Google Drive — Credit: 0.50

This course will instruct students in the essentials of Google Drive. Students will create, format and share documents, spreadsheets and presentations, and gather data via Google Forms. Students will learn how to adjust permissions and document accessibility, as well as how to create collaborative projects with a group of faculty or fellow classmates.

Personal Finance and Financial Literacy — Credit: 0.50

The Personal Finance and Financial Literacy course exposes students to important financial issues they are likely to encounter in their lives. Topics include home buying, balancing a budget and responsible use of credit and borrowing. This knowledge will increase students' abilities to manage their finances in a responsible and intelligent manner.

ADDITIONAL COURSE OFFERINGS

Senior Project / Graduation Project — Credit: 1.00

Through career exploration, students research their intents, talents and abilities as these relate to post-secondary options. This course will lead students to focus on and discover desirable and appropriate post-secondary decisions as they relate to life after high school.

ACT Test Prep — Credit: 0.50

This course is designed to prepare students for the ACT. Students enrolled in this course spend significant time learning to understand the ACT test format and honing their test taking skills. They develop higher-order strategies in preparation for the four multiple-choice tests – English, Mathematics, Reading, and Science – and the optional Writing Test. Comprehensive instruction and thorough practice tests will give students the tools and confidence needed to achieve success on the ACT.

ASVAB Prep — Credit: 0.50

Students in high school who are interested in joining the armed services will benefit greatly from taking this preparatory course. This course is built around a coaching textbook designed to not only review materials to be covered on the ASVAB exam, but to also familiarize students with test taking strategies and study skills. Within this course, students will be given the opportunity to take multiple practice tests after which they can review the correct answers and explanations to better prepare them for their future exam.

Test Taking Skills — Credit: 0.25

This course is designed to help prepare students to take standardized tests. Students enrolled in this course will review time management, rubrics, multiple-choice strategies and educated guessing. In addition to these general concepts, students will also review writing narrative and persuasive essays, reading comprehension strategies and math multiple-choice techniques.

Art History — Credit: 1.00

Art History students will gain a basic understanding and appreciation of art as it is encountered on the high school level and beyond. Students begin with a study of art processes, criticism and aesthetics and progress to an overview of art history through the 21st century.

Middle School Art Appreciation — Credit: 0.50

Middle school students enrolled in this course will gain an appreciation of art with an understanding of its historical context. Students will learn how historical, political, geographical, social, and religious events shape each culture's art and make it unique. Traditional art from the following cultures is discussed within the course: Western Europe, China, Japan, India, Native America, and Africa.

Music History/Music Appreciation — Credit: 0.50

This course introduces students to perceptive listening and provides an engaging presentation of musical elements, styles and stylistic periods. Organized chronologically, this course provides a survey of music's evolution from the music of the Middle Ages to classical, jazz, blues and rock. This course concludes by exploring the non-Western music traditions from Africa, India and Japan.

Digital Citizenship **Credit: 0.50**

This course is entirely web-based and will prepare students to safely and effectively communicate online while helping them to become familiar with website privacy policies. Students will be able to identify cyber-bullying and ways to respond, thus making their online experience more enjoyable. Additional concepts and information students will gain from this course include understanding copyright rules, browsing websites and various methods of downloading.

Parenting Skills **Credit: 0.50**

This course covers the basics of parenting and family skills. Topics include conception, contraception, pregnancy, child development, aging and the family.

Study Skills **Credit: 0.50**

The study skills course hones reading and study skills needed for academic success in high school. Students develop such abilities as: studying techniques, note taking, time management, listening, test taking and research. They gain confidence as they master these basic skills and have the opportunity to apply them to other courses.

XXVI. BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
COLLEGE PREPARATORY (9th & 10th Grade)

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

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

Tenth Grade

Pd.	Course #	Course	Pds/ Cycle
1	12309/12409 12509/12609	CP English II Hon. English II	6 6
2	22309/22409 22509/22609 24709/24809	CP Amer. Hist. II Hon. Amer. Hist. II AP Amer. Hist.	6 6 6
3	32309/32409 32509/32609	CP Biology/Lab Hon. Biology/Lab	12 9
4	41314/41414 41514/41614 **42309/42409* **42509/42609*	CP Algebra II Honors Algebra II *CP Geometry* *Honors Geometry*	6 6 *6* *6*
5		Language II / III	6
6	50209 50218	P.E. P.E.w/H/ Bio.	6 3
6	52209	Health	6
7		Program Elective	6
7		Free Elective	6
8		Lunch	6

**Accelerated math sequence*

Eleventh Grade

Pd.	Course #	Course	Pds/ Cycle
1	13309/13409 13509/13609	CP English III Hon. English III	6 6
2	23309/23409 23509/23609	CP World Cultures AP World History	6 6
3-4 3 3	33309 33115/33215 33709/33809	CP Chem./Lab Hon. Chem./ Lab AP Chem./ Lab	12 9 9
4	42309/42409 42509/42609 *	CP Geometry Honors Geometry *Math Elective*	6 6 *6*
5	50314 50317	P.E. w/ CP Chem. P.E. w/ H /AP Chem.	6 3
5	71809 92909 71717	Y.E.S. (16-30) Life After H.S. Intro. To Business	6 6 6
6		Program Elective	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Twelfth Grade

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

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BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
GENERAL (9th & 10th Grade)

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

Pd.	Course #	Course	Pds/Cycle
1	11109/11209	English I	6
2	21109/21209	Amer. Hist. I	6
3	31109/31209	Phys. Sci./Lab	6
4	40114/40214	Algebra I	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

Tenth Grade

Pd.	Course #	Course	Pds/ Cycle
1	12109/12209	English II	6
2	22109/22209	Amer. Hist. II	6
3	32109/32209	Biology/Lab	12
4	41114/41214	Algebra 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

Eleventh Grade

Pd.	Course #	Course	Pds/ Cycle
1	13109/13209	English III	6
2	23109/23209	World Cultures	6
3-4 3 3	33109 35109/35209 36514/36614	Chem./Lab General Lab Sci. Env. Science	12 6 6
4	42109/42209	Geometry	6
5	50314	P.E.	6
5	71809 92909 71717	Y.E.S. (16-30) Life After H.S. Intro. To Business	6 6 6
6		Program Elective	6
6		Program Elective	6
7		Free Elective	6
7		Free Elective	6
8		Lunch	6

Twelfth Grade

Pd.	Course #	Course	Pds/ Cycle
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
8		Lunch	6

BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
SCHUYLKILL TECHNOLOGY CENTER
(9th & 10th Grade)

Ninth Grade

Pd.	Course #	Course	Pds/Cycle
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

Tenth Grade

Pd.	Course #	Course	Pds/ Cycle
1	41114/41214	Algebra II	6
2-3	31012	Biology	12
4-5	12009	English II	12
6	22117	Amer. Hist. II	6
7	50217	P.E.	6
8		Lunch	6

Eleventh Grade

Pd.	Course #	Course	Pds/ Cycle
1	42109/42209	Geometry	6
2-3	13009	English III	12
4-5	23117	World Cultures	12
6	52217	Health	6
7	50314	P.E.	6
8		Lunch	6

Twelfth Grade

Pd.	Course #	Course	Pds/ Cycle
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) satisfy Communication and Finance graduation requirements for STC students*

BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
COLLEGE PREPARATORY (11th & 12th Grade)

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.

Eleventh Grade

Pd.	Course #	Course	Pds/Cyc
1	13309/13409 13509/13609	CP English III Honors English III	6 6
2	23309/23409 23709/23809	CP World Cultures AP World History	6 6
3-4	33309 33115/33215 33709/33809	CP Chem/Lab Hon. Chem/Lab AP Chem/Lab	12 9 9
4	42309/42409 42509/42609	CP Geometry Hon. Geometry *Math Elective*	6 6 *6*
5	50314 50317	PE III/IV PE III/IV*(AP/H Chem)*	6 3
5		*Elective (w/CP Chem)*	*6*
6		Elective	6
6		Elective	6
7		Elective	6
7		Elective	6
8		Lunch	6

Twelfth Grade

Pd.	Course #	Course	Pds/Cyc
1	14309/14409 14509/14609 14709/14809	CP English IV Honors English IV AP Lit & Comp	6 6 6
2	24309/24409 24509/24609 25315/25415	CP Am Govt Honors Am Govt AP Govt & Politics	6 6 6
3	Science Elective (rec. CP/H/AP Physics)		6 or 9
4	Math Elective (rec. CP Alg. III or H Pre-Calc.)		6
5	50314 50317	PE III/IV PE III/IV *(w/AP)*	6 3
5		*Elective (w/ CP Pysics)*	*6*
6		Elective	6
6		Elective	6
7		Elective	6
7		Elective	6
8		Lunch	6

BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
GENERAL (11th & 12th Grade)

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.

Eleventh Grade

Pd.	Course #	Course	Pds/Cyc
1	13109/13209	English III	6
2	23109/23209	World Cultures	6
3-4	33109/33209	Chem/Lab	12
3	35109/35209 36514/36614	or General Lab Sci or Environ. Science	6 6
4	42109/42209	Geometry	6
5	50314	PE III/IV	6
5		Elective	6
6		Elective	6
6		Elective	6
7		Elective	6
7		Elective	6
8		Lunch	6

Twelfth Grade

Pd.	Course #	Course	Pds/Cyc
1	14109/14209	English IV	6
2	24109/24209	Am Govt	6
3		Science Elective or Math Elective	6
4	50314	PE III / IV	6
4		Elective	6
5		Elective	6
5		Elective	6
6		Elective	6
6		Elective	6
7		Elective	6
7		Elective	6
8		Lunch	6

BLUE MOUNTAIN HIGH SCHOOL SCHEDULE RECOMMENDATION
SCHUYLKILL TECHNOLOGY CENTER CURRICULUM

Eleventh Grade

Pd.	Course #	Course	Pds/Cyc
1	42109/42209	Geometry	6
2-3	13009	English III	12
4-5	23117	World Cultures	12
6	50314	PE III	6
7	52209	Health	6
8		Lunch	6

Twelfth Grade

Pd.	Course #	Course	Pds/Cyc
1	14109/14209	English IV	6
2-3	24133009	General Lab Science	12
4-5	24117	American Government	12
6	50314	PE IV	6
7	71809	Y.E.S. (16-30)	6
8		Lunch	6