COURSE CATALOG

2019-2020

POTTSTOWN HIGH SCHOOL

750 North Washington Street, Pottstown, Pennsylvania 19464
610-970-6700 (main) ~ 610-970-1363 (fax)
www.pottstownschools.com

INTRODUCTION

Dear Parents/Guardians,

The administration, faculty, and counseling teams at Pottstown High School have worked together to develop this booklet. We have provided descriptions of all courses offered in grades 9-12. This information is provided to enable parents and students to make informed, educational choices. We encourage you to use this as you plan for the four years your child is in high school.

Counselors are available to assist students in evaluating their goals, abilities and interests and selecting possible courses to reach those goals. Parents will be asked to review these selections and return an approval form to the Career and Counseling Office. Current eighth grade students will meet with Pottstown Middle School and Pottstown High School counselors to select electives for ninth grade. We encourage you to call your child's counselor if any questions arise.

Sincerely,

Danielle McCoy
Principal

PHS Scheduling Team

Danielle McCoy, Principal
David Livengood, Assistant Principal
Jeff Delaney, Director of Career and Technical Education
Matthew Miller, Director of Co-Curricular Activities
Michael Pagano, School Counselor - Class of 2020 and 2022
Amanda Conlan, School Counselor - Class of 2021 and 2023

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SECTION 1 – GENERAL INFORMATION

THE SCHEDULING PROCESS

1. Students will review this document and their course selection sheet with their parents and teachers.
2. Students select appropriate grade level graduation requirements (Math, English, etc.)
3. Students select any other electives (Band, Chorus, JROTC, Foreign Language, etc.)
4. Students bring in their signed course selection sheets and meet at the scheduled time to request their courses online. ***All students must be able to log into the Home Access Center in order to request courses.***
5. An incomplete course selection sheet will mean forfeiture of any electives or course requests. A counselor or administrator will create a schedule for that student and no future requests to change the schedule will be honored.
6. A schedule will be created for each student, with required courses being the primary focus. As many elective requests will be honored as is possible for each student.

SCHEDULE CHANGES

Schedule changes must be completed by August 30, 2019.

After **August 30, 2019** the only schedule changes that will be approved will be under the following circumstances:

1. Student health problems verified by a physician
2. An error in the scheduling process
3. Student's completion of coursework in summer school
4. A senior student's needed credits for graduation
5. Consideration will be given to students in Advanced Placement classes within the first two weeks of the first semester

Things to keep in mind:

- Once the 2018-2019 school year begins, schedules will be considered finalized.
- No schedule change requests will be made during the school year, *including between semesters*.
- Schedules will not be changed due to personal conflicts or changing one's mind.
- All schedules are subject to change at any time depending on course availability, staffing changes, program changes, or other non-academic reasons, or at the discretion of the principal.
- The principal retains sole discretion to change the course catalog requirements under extenuating circumstances.
- Placement tests or teacher recommendations are required for some courses.
- Some Career and Technical Education courses require submission of an application for consideration of acceptance into the course.
- ***Requesting a course does not guarantee it will appear on a student's schedule.***

GRADE LEVEL REQUIREMENTS

9th Grade

- English
- Math
- Electives
- Science
- Social Studies
- Personal Finance
- Economics
- Introduction to Wellness
- Tutorial (for select students)

- Students preparing for a 4-year college are encouraged to enroll in a Foreign Language.
- Elective courses are available to meet student's interests. Some elective offerings also provide opportunities for students to explore various career and educational options for their future.

10th Grade

- English
- Math
- Science
- Social Studies
- Comp Applications
- Wellness
- Career Exploration
- Electives

- Students preparing for a 4-year college are encouraged to enroll in a Foreign Language.
- Elective courses are available to meet student's interests. Some elective offerings also provide opportunities for students to explore various career and educational options for their future.
- *Students interested in Career and Technical Education programs should enter Level I courses this year*

11th & 12th Grade

- English
- Math
- Science
- Social Studies
- Electives
- Wellness

- Students select courses in preparation for their educational and career goals.
- Students have the flexibility to take electives which will best prepare them for their post-secondary goals.
- Most senior students are eligible to take Contract Gym or Strength and Conditioning as their senior Wellness credit.

NCAA INFORMATION

Any student who plans to attend college and participate in an organized sport must become familiar with the National Collegiate Athletic Association's (NCAA) Eligibility Clearinghouse. Students can obtain information regarding NCAA requirements at www.NCAAclearinghouse.net. The requirements that make a student eligible for participation in college sports begin with course selections as early as 9th grade. Therefore, it is important for students to work with their counselor to schedule the correct courses.

The NCAA requirements are based on a sliding scale**,** which permits lower SAT or ACT scores if a higher GPA is attained. Eligibility is denied to students whose GPA or SAT scores fall below the standard. It is also denied to students who have not taken the required core courses. Students should submit a preliminary application to the Clearinghouse after the completion of their junior year of high school. A final transcript must be filed with the Clearinghouse after graduation.

The Pottstown School District, in accordance with Title IX of the Educational Amendments of 1972, will not discriminate in educational programs which it operates, or in admission or enrollment procedures on the basis of race, religion, sex, color, age, national origin, or handicap. We assure that procedures and practices are followed to provide equal access to all programs. Any questions concerning the application of Title IX, compliance or complaints may be referred to Dr. Deena Cellini, Compliance Officer, at 230 Beech Street, Pottstown, PA 19464. Telephone 610-970-6657.

WEIGHTED COURSES

Grade weighting is a procedure used to compensate for the difficulty level of a selected group of courses. In our district the assigned weight for these courses is 1.025% for Level III CTE Courses, 1.10% for Honors courses, and 1.25% for AP courses. The weighted average is used in determining class rank, GPA, and honor roll. Honor roll calculations are as follows:

Distinguished Honors: Weighted average of 90% with no grade below a 70%, no incompletes
Honors: Weighted average of 80% with no grade below a 70%, no incompletes

Courses Weighted at 1.025%	Courses Weighted at 1.10%	Courses Weighted at 1.25%
• AFJROTC IV • Automotive Technology III • Construction Technology III • Cosmetology III • Culinary Arts III • Early Childhood Educ. III • Engineering Technologies III • Entrepreneurship III • Health Technology III • MIS III • Sports and Entertainment Marketing III	• Calculus • Honors Algebra I • Honors Algebra II • Honors American Government • Honors American Literature • Honors Biology • Honors Chemistry • Honors English I • Honors English II • Honors Environ. Science • Honors French III • Honor French IV • Honors Geometry • Honors Spanish III • Honors Spanish IV • Honors Trigonometry/PreCalc • Honors US History • Honors World Literature & Composition • Honors World History • Statistics • Anatomy & Physiology I • Anatomy & Physiology II • Any MCCC Course	• AP Biology • AP Calculus AB/U Pitt Calc • AP Calculus BC • AP Chemistry • AP Computer Science • AP Environmental Science • AP European History • AP Human Geography* • AP Language & Composition • AP Literature & Composition • AP Macro Economics * • AP Micro Economics* • AP Psychology* • AP Statistics • AP US History • AP US Government ** Virtual Course*

SECTION 2 – PROGRAMS

ADVANCED PLACEMENT (AP) AND HONORS COURSES

Advanced Placement (AP) courses are regular high school courses taught in the high school at the college level. These classes have been reviewed and approved by the College Board. AP courses allow students to take rigorous college-level courses in high school. AP courses prepare students for AP tests which are given to students around the country. An AP Test (produced by Educational Testing Service) is given at the end of each course. Students can earn college credits by scoring at a certain level on the tests. Colleges view rigorous courses such as AP courses positively when considering students for admission.

These classes are an excellent way for students to earn college credits while taking their high school classes. We encourage all students who are up to the challenge to select as many AP classes as they can handle. Please talk to a school counselor for further information.

A recommendation from the teacher of the pre-requisite course or prior subject-area course is required in order to take an AP course.

Summer work is required for AP courses. Students are expected to complete all summer work before school begins in August as it is graded and required for the lesson taught on the first and subsequent days of class. ***Any student who does not complete the summer work prior to the first day of class will be removed from the AP course and scheduled for a different course.***

An informational meeting will be held for all AP students and parents. It is strongly recommended that both parents and students attend this meeting to fully understand the rigor and expectations of an AP course.

ANY STUDENT PLANNING TO ATTEND COLLEGE SHOULD CONSIDER TAKING AS MANY AP COURSES AS THEY CAN HANDLE. AP COURSES ARE AN EXCELLENT WAY FOR STUDENTS TO PREPARE FOR THE RIGORS OF COLLEGE.

CAREER AND TECHNICAL EDUCATION (CTE) PROGRAMS

Our CTE Programs offer students excellent hands-on learning opportunities in specific trades. Since these programs often lead to lucrative and desirable careers, students may be required to complete an application in order to be accepted into a Level II or Level III CTE class. The quality of the application, along with recommendations from teachers, past academic performance, attendance, and behavioral conduct will be considered before a student is accepted into a program. When there are more applicants than spots available, students may have the option to be put on a waiting list.

Statewide Articulation for Career and Technical Education

There are many partnerships with postsecondary schools across Pennsylvania through the Students Occupationally and Academically Ready (SOAR) plan. CTE students completing a program have the opportunity to earn up to 12 post secondary credits while in high school. SOAR programs prepare today's student for High Priority Occupations (HPO) which include career categories that are in high demand by employers, have higher skill needs, and are most likely to provide family sustaining wages. The benefits of SOAR include:

- Saving money on college tuition
- Saving time by shortening college attendance
- Getting on the correct career pathway
- Entering the job market prepared
- Getting a consistent education

Capstone: Work-Based Learning Experience

Capstone-Work Based Learning is a collaborative effort by the school, parent/guardian, and community based business and industry for the training of apprentices in their chosen field of employment. Senior students in Career and Technical Education programs who meet the entry-level requirements of the trade or technical area and who have mastered the skills of their program are considered for this opportunity. Demonstration of a good work ethic and excellent attendance are also considered. Students recommended for this unique learning experience are supervised by Pottstown High School instructors as they integrate classroom learning with real world work experience.

DUAL ENROLLMENT – MONTGOMERY COUNTY COMMUNITY COLLEGE

Dual Enrollment is a program that allows qualified students to enroll in courses at Montgomery County Community College (MCCC) while still in high school. Students who qualify may apply for admission to a select number of courses. Students may be required to take the appropriate MCCC placement tests and meet other prerequisite requirements for selected courses. Please note that under this program, students are responsible for payment of tuition and fees associated with college credit. If any grant funding is available, students will be informed.

Dual Enrollment Eligibility Requirements

1. Students may have no more than ten (10) days of absence at the high school during the previous school year.
    a. Students who exceed this quota due to extended illness may reapply.
2. Maintain a C or above at both PHS and MCCC.
3. Students must maintain good school citizenship.
    a. Past year discipline records will be considered.
    b. Students may forfeit their place in the program due to disciplinary issues.

Student Course Options

- Exact courses and meeting times will be available based on MCCC offerings.
- At the completion of the college course, students will have completed a high school graduation credit requirement and will have earned college credits.
- Students over the age of 15 may attend MCCC after they contact their counselor to obtain a letter of approval.
- Students must abide by any and all stipulations required of them to participate.
- If students plan to use college courses to satisfy high school graduation requirements, they must gain high school approval and complete and sign a transcript request form to have a transcript sent to the school.
- All college courses, which are taken as part of an articulated high school to college program, or as part of high school graduation requirements, must be approved by the high school principal.
- High school schedule may be changed to fit in MCCC courses.

College Articulation

- Students with prior permission from the Principal or Director of Career and Technical Education who enroll at a local college or technical school may receive high school credit for some or all of their college work.
- With principal's approval, this course may replace a scheduled course requirement or elective at PHS.

VIRTUAL & ALTERNATIVE LEARNING (VAL) COURSES

Students may opt to take approved online coursework available through companies with whom the school contracts. Virtual courses occur entirely over the Internet. The courses follow our schedule, and students have an assigned class period and room for the class during the school day, just as they would for any other course. A "Teacher of Record" is available to provide help and support for students as needed. For most courses there are no live meeting times with classmates and the course instructor. However, courses are geared to emphasize interaction between the teacher and other classmates. In a typical class, students would read the assigned lessons, work on assignments and group projects, and contribute, in writing, to class discussions. Other than the requirements to be in their scheduled classroom each day and to meet the deadlines for assignments, students can work at times and places that are convenient for them. Students in any one class can be from all parts of the nation or world. Limited space may be available in these courses. ***Due to the rigorous and independent accountability required to successfully complete virtual courses, virtual courses are not available to students in ninth grade without principal permission and parent/guardian written approval.***

Students that are interested in taking a VAL course should see their school counselor for an enrollment form.

SECTION 3 – GRADUATION & PROMOTION REQUIREMENTS

GRADUATION REQUIREMENTS

1. Satisfactory completion of at least 26 credits aligned with the Pennsylvania Standards as outlined below:

Course	Credits	Course	Credits
English	4	Math	3
Social Studies	3	Wellness	2.0*
Science	3	Career Exploration	.5
Additional STEAM credit	.5**	Personal Finance	.5
Computer Applications	.5	Economics	.5
Electives	7.5	Humanities	1***
Minimum: 26 credits			

*A minimum of .5 credits of Wellness must be taken each year of high school
**Additional STEAM credit is above and beyond those courses listed above as graduation requirements
***Humanities include Foreign Language, Performing Arts, and Visual Arts courses

and

2. Satisfactory completion of a Graduation Project

3. Satisfactory completion of any required Keystone remediation assessment/remediation.

PROMOTION REQUIREMENTS

To be promoted to 10th grade:	earn at least 6.5 credits
To be promoted to 11th grade:	earn at least 13 credits
To be promoted to 12th grade:	earn at least 19.5 credits

- Student will graduate AFTER:
    - Earning 26 credits
    - Satisfactorily completing the graduation project
    - Full payment of all outstanding student debts
    - Remaining in good standing with PHS
    - Satisfactory completion of all Keystone remediation requirements

SECTION 4 – COURSE OFFERINGS

ACCOUNTING

ACCOUNTING I					
Open to Grades:	9-12	Credit(s):	1	Course Number:	8111
Prerequisites:	Personal Finance	Notes:	None		

Learn to speak the language of business—accounting! Don't go to college without a basic understanding of debits and credits. Accounting I explores the various areas and careers within the accounting field, while also learning the theory and concepts of business recordkeeping. Students will use MS Excel software to reinforce accounting knowledge. *This course is strongly recommended for students interested in studying any area of business at the collegiate level.*

ACCOUNTING II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	8112
Prerequisites:	Accounting I.	Notes:	None.		

This course continues the skills introduced in Accounting I. Expand your accounting knowledge through this interactive, computerized course. Forensic accounting and corporate accounting will be studied. Students will complete this course with a solid knowledge of business and accounting skills including maintaining payroll and inventory records, special journals including cash receipts/payments and accounts receivable/payable. accounting softwares is utilized in this course as a means of reinforcing all topics discussed in a simulated, real world setting.

AIR FORCE JROTC

There is absolutely no military obligation resulting from participation in AFJROTC.

Although there are four AFJROTC courses offered for the 2019-2020 school year, all classes will cover the same core academic areas from AFJROTC's **Leadership Education 200 (LE-200): Communication, Awareness, and Leadership and Aerospace Science (AS-100): Milestones in Aviation History.** The course also includes a wellness component. Because of blended classes (i.e., first through fourth-year students in the same classroom), academic subject matter will change each year to ensure students (referred to as cadets) can take AFJROTC four years without repeating a course of study. The key distinction between AFJROTC I, II, III, and IV comes from the additional leadership requirements levied on students as they move through the program.

All cadets must wear the AFJROTC uniform at least once each week (Wed/Thur) and comply with Air Force grooming standards. Failure to do so will result in removal from the program.

Leadership Education 200: Communication, Awareness, and Leadership

- Leadership Education 200 (LE-200) stresses communication skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, and preparing for leadership, solving conflicts and problems, and personal development. This portion of the course will include Drill and Ceremonies.

Aerospace Science: Milestones in Aviation History

- Aerospace Science 100 (AS-100) focuses on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern day. The emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history. It is interspersed with concise overviews of the principles of flight to include basic aeronautics, aircraft motion and control, flightpower, and rockets.

Wellness

- Physical Training (PT) is conducted each Friday. Students must wear their issued PT shirt and appropriate workout attire to participate (change/hygiene time is provided). PT will consist of a blend of military-style workouts, competitive sports/games, and physical team building activities designed to improve the level of fitness for each student.

AFJROTC I					
Open to Grades:	9-12	Credit(s):	1	Course Number:	8703
Prerequisites:	None.			Notes:	Students must wear the uniform at least once each week.

AFJROTC I is the introductory course for all new cadets. Students will focus on becoming effective cadet followers.

AFJROTC II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	8705
Prerequisites:	AFJROTC I			Notes:	Students must wear the uniform at least once each week.

AFJROTC II is designed for second year cadets. These students will generally help train new cadets, lead smaller teams and clubs, or manage a specific functional area within the Cadet Group.

AFJROTC III					
Open to Grades:	11-12	Credit(s):	1	Course Number:	8707
Prerequisites:	AFJROTC II			Notes:	Students must wear the uniform at least once each week.

AFJROTC III is intended for third year students. These cadets will focus on leading larger groups of cadets and managing larger programs affecting the entire Cadet Group.

AFJROTC IV					
Open to Grades:	12	Credit(s):	1	Course Number:	8709
Prerequisites:	AFJROTC III			Notes:	1. Students must wear the uniform at least once each week. 2. Weighted course at 1.025.

AFJROTC IV is intended for fourth year students. These few cadets will steer the strategic direction of the Cadet Group as commanders. They may also serve as advisors to Cadet Group leadership during the spring semester.

AUTOMOTIVE TECHNOLOGY

The Automotive Technology program is designed to teach students the skills necessary for success in the field of automotive technologies. This program prepares students for post-secondary education in the automotive field. Qualified high achieving students may graduate with a PA Skills Certificate. This course prepares students for ASE certification. Level III students may be eligible for a CAPSTONE internship in the auto industry where they will be paired with an approved local business to practice the skills learned in class. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

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AUTOMOTIVE TECHNOLOGY I					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	8825
Prerequisites:	None.			Notes:	This is a requirement for the Automotive Technology Program.

The skills in Automotive Technology I include the basic safety, tools, equipment & procedures needed in the areas of engine performance, brakes, and electrical/electronic systems. Students also learn to service engines, transmissions, tires & wheels. Students will learn the safe handling of power tools & supplies. Leadership and communication skills of the industry are also covered**.**

AUTOMOTIVE TECHNOLOGY II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	8221
Prerequisites:	Automotive Technology I.			Notes:	This is a requirement for the Automotive Technology Program.

This course emphasizes the skills necessary in the automotive industry. Students learn and apply the skills needed for general engine diagnosis, engine testing and lubrication, and cooling system repair and diagnosis. Skills include general transmission & transaxle diagnosis, automatic & manual transmission & transaxle repair, steering systems diagnosis & repair, front/rear suspension, and brake skills including hydraulic system diagnosis & repair. Topics include general electrical systems, battery diagnosis, service & starting systems, general engine performance. Skills in science, mathematics, problem solving, and leadership are reinforced in this course. Work-based learning strategies for this course include field trips and the possibility of job shadowing. Hands-on work experiences provide opportunities to enhance classroom instruction and career development.

AUTOMOTIVE TECHNOLOGY III					
Open to Grades:	12	Credit(s):	4	Course Number:	8228
Prerequisites:	Automotive Technology II.	Notes:	1. This is a requirement for the Automotive Technology Program. 2. Weighted course at 1.025		

This advanced course is weighted and designed to provide additional training in the areas introduced in Automotive Technology II. Skills in the following areas will be enhanced: engine repair and performance/electrical and electronic systems, advanced engine repair, starting systems, lighting systems, driver information systems, computerized engine controls, suspension/steering, brake and transmission, transaxle repair, four wheel and all-wheel drive diagnosis and repair, wheel alignment diagnosis, adjustment and repair, disk brake, anti-lock and power assist brake diagnosis and repair. This course further prepares students for post-secondary education. Students will practice the skills required for ASE certification, PA State Inspections and Emissions certification. Work-based learning experiences appropriate for this course are field trips and job shadowing. Continued hands-on work experiences and leadership activities provide many opportunities to enhance classroom instruction and career development. Level III students may be eligible for a CAPSTONE internship in auto technology where they will be paired with an approved local business to practice the skills learned in class. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

BASIC AUTOMOTIVE MAINTENANCE					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	8820
Prerequisites:	None.	Notes:	1. This course is NOT part of the Auto. Tech. CTE Program. 2. Students interested in the Auto. Tech. CTE Program should enroll in Auto. Tech. I.		

Want to know what is involved in automotive maintenance? Automotive repair is not for everyone but knowledge of what is involved and industry terminology is important. This class will examine questions like are the repairs required or recommended? Is this part of my factory scheduled maintenance? Does the part fail inspection? Can I see the part when the work is complete? This course will also cover what is examined during state inspections. **This course is an elective and is NOT part of the Automotive Technology Career and Technical Education program.**

INTRODUCTION TO WELDING					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	8810
Prerequisites:	None.	Notes:	This program is not part of the Auto Technology Program		

Introduction to welding is a hands-on class that is designed to instruct students in welding safety, basic principles of metallurgy, and introductory welding techniques using various processes. **This course is NOT a part of either the Automotive Technology or Construction Technology Career and Technical Education program.**

CONSTRUCTION TECHNOLOGY

Students enrolled in the Construction Technology Program will learn the skills necessary to be successful in the field of residential construction. This includes the areas of carpentry, masonry, electrical, and plumbing. High achieving students may graduate with a PA Skills Certificate. Work-based learning experiences appropriate for this course are field trips and job shadowing. Continued hands-on work experiences and leadership activities provide many opportunities to enhance classroom instruction and career development. Level III students may be eligible for a CAPSTONE internship in carpentry, masonry, plumbing, and/or electrical where they will be paired with an approved local business to practice the skills learned in class. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

CONSTRUCTION TECHNOLOGY I					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	8823
Prerequisites:	None.			Notes:	None.

The skills in the Construction Technology Core course include the basic safety needed in the construction areas of carpentry, plumbing, masonry and electrical. Students will learn and use hand tools and power tools related to the trade areas. Additional skills include math related to the industry and basic blueprint reading. This is taught through hands-on projects. Students learn the leadership skills and communication skills of the industry.

CONSTRUCTION TECHNOLOGY II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	8241
Prerequisites:	Construction Technology I.			Notes:	This course is required for the Construction Technology Program.

The skills needed to be a successful carpenter, mason, plumber, and electricians are delivered in this course. In the area of carpentry students study fasteners used in the trade, building materials, floor systems, wall systems, site preparation, foundations and concrete work. The masonry skills include wall construction using various bricks, concrete block and mortar. Specific plumbing skills studied include connecting different pipes and fittings according to plans and blueprints, using various materials as specified. Electrical skills studied include the theory of electricity, National Electrical Code, and the tools and supplies necessary to run wiring systems according to blueprints. Skills in science, math, problem solving, and leadership are reinforced in this course. Work-based learning strategies in this class include job shadowing, field trips, and projects on actual job sites where teamwork is stressed. Students acquire real-world experience through projects within the Pottstown community.

CONSTRUCTION TECHNOLOGY III			
Open to Grades: 12	Credit(s): 4	Course Number: 8244	
Prerequisites: Construction Technology II.	Notes:	1. This course is required for the Construction Technology Program. 2. Weighted course at 1.025	

Additional skills in carpentry, masonry, electrical, and plumbing are delivered in this weighted course. In the carpentry area, these skills include: specialized floor and wall systems, roof systems, and field engineering principles. Advanced masonry skills include: advanced wall systems, insulation, arches, pavers, stucco, and fireplace construction. Expanded electrical skills include alternating current, circuit breakers and fuses, and electrical services. Plumbing experience in drain and waste pipe installation, faucet, valve, and fixture installation and repair is a part of Construction Technology III. Skills in leadership, safety, problem solving, and planning are reinforced in this course. Work-based learning strategies appropriate for this course include job shadowing, projects on actual job sites where teamwork is imperative, cooperative education, and field trips. Real-world experience is acquired through work on projects within the borough of Pottstown. Students earn their 10 hour OSHA certification while in this program. Level III students may be eligible for an internship in one of the electrical, masonry, carpentry, and/or plumbing where they will be paired with an approved local business to practice the skills learned in class. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

WOODWORKING			
Open to Grades: 9-12	Credit(s): .5	Course Number: 8800	
Prerequisites: None.	Notes:	1. This course is NOT part of the Const. Tech. CTE Program. 2. Students interested in the Const. Tech. CTE Program should enroll in Const. Tech. I.	

This course will give students the opportunity to craft their own woodworking projects and wood furniture over the course of the semester. Students may repeat the class and work on more advanced projects each time they enroll. **This course is an elective and is NOT part of the Construction Technology Career and Technical Education Program.**

COSMETOLOGY

Do you love to do hair and want to make money doing what you love? The Cosmetology Program at Pottstown High School is **a State Board approved cosmetology program**. This program prepares students for their state licensing boards by providing the skills and services necessary to take the exams required to receive a cosmetology license in Pennsylvania. Hours earned within this program count towards licensing requirement. Uniforms are required by the PA State Board of Cosmetology. Uniforms are the students' responsibility and must be purchased within the first week of school.

COSMETOLOGY I					
Open to Grades:	10-12	Credit(s):	1	Course Number:	8829
Prerequisites:	None.			Notes:	This course is required for the Cosmetology Program.

The basic skills needed to successfully complete a cosmetology program are developed in this course. Students will earn hours toward the 1250 hours needed to sit for the cosmetologist exam. A buttoned down smock uniform must be worn in the class at all times. Uniforms are the student's responsibility and must be purchased within the first week of school. Students will be working on mannequins, completing hairstyling requirements and manicures. Students will also study hair, nails, and skin theory and review state laws, rules and regulations.

COSMETOLOGY II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	8284
Prerequisites:	Cosmetology I.			Notes:	This course is required for the Cosmetology Program.

Students will continue to earn hours towards the 1250 needed to sit for the PA State Board of Cosmetology licensing examination. This course introduces developmental skills, employment opportunities, and career information necessary for success in the cosmetology industry. Topics include facials, manicures, hair cutting, chemical relaxing and restructuring, wet hair styling, hair coloring and lightening. Hair braiding and weaving are reviewed. Skills in mathematics, science, biology, leadership, and problem solving are reinforced in this course. The work-based learning strategy used in this course is a school-based enterprise. Students will work on live models! Additional hands-on work experiences and leadership activities are provided through community involvement**.** It is the student's responsibility to purchase a cosmetology kit and manikin.

COSMETOLOGY III		
Open to Grades: 12	Credit(s): 4	Course Number: 8294
Prerequisites: Cosmetology II.	Notes: 1. This course is required for the Cosmetology Program. 2. Weighted course at 1.025	

Students who complete this weighted course should be ready to successfully sit for the PA State Board of Cosmetology exam. This course provides advanced training in the areas introduced in Cosmetology I including processing techniques, salon management, hair coloring techniques, chemical servicing, identification and treatment of skin, scalp and hair disorders, hair removal, permanent waving techniques, manicures, pedicures, and the art of artificial nails. The work-based learning strategy used in this course is a school-based enterprise. Students work on live models and outside customers.

CULINARY ARTS

Impress your friends with edible masterpieces! Students interested in the fine art of preparing food should consider the Culinary Arts Program. This program takes students from the most basic of menu planning through catering large events. Students may graduate with a PA Skills Certificate, as well as the opportunity to advance to a respected post-secondary school. Level III students may be eligible for a CAPSTONE internship in culinary arts where they will be paired with an approved local business to practice the skills learned in class. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program. Students who complete the Culinary Arts program may also graduate *ServSafe* certified.

CULINARY ARTS I			
Open to Grades: 10-12	Credit(s): .5	Course Number: 8830	
Prerequisites: None.		Notes:	This is a required course for the Culinary Arts program.

This course introduces students to the culinary arts industry. Students will obtain occupational knowledge of the field and learn basic safety procedures for the use of tools and equipment, nutritional food values, health and sanitation precautions, laws and regulations related to the culinary arts industry and the importance of human relations skills. Students will learn much of this through the use of hands-on application in the kitchen. Students are required to wear a chef's uniform.

CULINARY ARTS II			
Open to Grades: 11-12	Credit(s): 4	Course Number: 8337	
Prerequisites: Culinary Arts I.		Notes:	This is a required course for the Culinary Arts program.

This course prepares students for a variety of occupations in the culinary arts industry. Topics include: sanitation, communication skills, safety procedures, understanding nutrition, using and caring for hand tools and equipment, using recipes, food quality, setting tables, understanding types of services, preparing beverages and foods and cooking and baking. The work-based, interactive learning style for this class involves a lot of time in the kitchen preparing foods. A key component of this course is the planning and running of the Culinary Arts Dining Room. Field trips, speakers, and job shadowing are all part of the learning experience in this course. Students are required to wear a chef's uniform. The responsibility of acquiring uniforms lies with the student and needs to be obtained within the first week of school. Students will actively compete in Skills USA.

CULINARY ARTS III		
Open to Grades: 12	Credit(s): 4	Course Number: 8338
Prerequisites: Culinary Arts II.	Notes: 1. This is a required course for the Culinary Arts program. 2. Weighted course at 1.025	

This weighted course continues the skills learned in Culinary Arts II with more practical applications of the skills learned. Additional instruction includes: preparing stocks, soup and sauces, identifying and cooking meals, poultry and fish, dining room procedures and managing dining room personnel, establishing guest/employee relationships, understanding sales techniques and the importance of controlling costs, keeping records, planning menus, and leadership skills. Field trips, speakers, and job shadowing may all be utilized as part of the learning experience in this program. This course involves work-based learning through the running of the Culinary Arts dining room and kitchen where lunches are offered and through the running of catered events. For catered events students participate in everything from menu planning with the customers to preparing the food, servicing the dining room, and cleaning up after the event. Students may join FCCLA to participate in culinary cooking activities while also strengthening their leadership and employability skills. Students actively compete in Skills USA. Level III students may be eligible for a CAPSTONE internship in culinary arts where they will be paired with an approved local business to practice the skills learned in class. **Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.** All students completing the Culinary Arts program have the opportunity to become *ServSafe* certified.

DIVERSIFIED CAREER OPPORTUNITIES

Diversified career opportunities are available for senior students who are on track to graduate in June, 2020. These opportunities include career shadowing and career internships. These programs prepare students for the workforce by exposing them to real-world experiences in the career fields of their interest. Theyare excellent opportunities for both college bound students and students entering the workforce directly from high school. Internships may or may not be paid; job shadowing experiences are not paid. Eligible students will have already earned at least 26 credits and be on track to graduate in June 2020. Students are required to provide their own transportation to and from the job site and be on time for all high school classes.. Student attendance and performance will be communicated by the employer to the high school. **In order to enroll in this course students must be employed or connected with a local business, be in 12th grade, have a minimum of 26 earned credits, and be on track to graduate in 2020.** An application may be required for this course, as well as parent/guardian and district approval..

CAREER INTERNSHIP					
Open to Grades:	12	Credit(s):	.5, 1, or 2	Course Number:	8844
Prerequisites:	1. 26 credits earned 2. Administrative approval 3. Evidence of a secured site 4. Completed application	Notes:	May participate both semesters of senior year		

Career internship is a voluntary senior experience where a student is able to spend part of their school day at a local business in the field of their choice, while earning academic credit. An internship may or may not be for pay. Students are able to enroll for .5, 1, or 2 credits per semester, depending on schedule availability as students continue their academic studies. Students are responsible for arranging the location of their internship and completing all documentation necessary for high school administrative approval. Students are responsible for transportation, attendance, and behavior at the job site. **Any disciplinary, attendance, behavior, or other concerns may result in being pulled from the internship and receiving no credit.**

CAREER SHADOWING					
Open to Grades:	12	Credit(s):	.5, 1, or 2	Course Number:	8847
Prerequisites:	5. 26 credits earned 6. Administrative approval 7. Evidence of a secured site 8. Completed application	Notes:	May participate both semesters of senior year		

Career shadowing is a voluntary senior experience where a student is able to spend part of their school day at a local business in the field of their choice, while earning academic credit. Job shadowing is an *unpaid* experience and may be for .5, 1, or 2 credits per semester, depending on schedule availability as students continue their academic studies. Students are responsible for arranging the location of their internship and completing all documentation necessary for high school administrative approval. Students are responsible for transportation, attendance, and behavior at the job site. **Students understand that any disciplinary, attendance, behavior, or other concerns at the job site may result in being pulled from the internship and not receiving credit.**

EARLY CHILDHOOD EDUCATION

As more and more parents join the workforce, the demand for top-notch childcare providers increases. Additionally, anyone interested in working with children in a field such as child psychology, elementary education, social work, children's entertainment, or childcare should consider the Early Childhood Education Program. High achieving students will be eligible to take the examination required for the Child Development Association (CDA) credential. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

EARLY CHILDHOOD EDUCATION (ECE) I					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	8302
Prerequisites:	None.			Notes:	This is required for the Early Childhood Education Program.

This course introduces students to the field of early childhood education and the careers associated with this program. Infant and toddler care is a large component of this class. Students will learn about managing their personal and family life, healthy living, managing their finances and caring for children. Interaction with children through participation in the Pre-K Counts classroom located on-site is part of this program. Field trips and speakers are all part of this class. Students will work towards the hours requirement necessary for obtaining a CDA Credential.

EARLY CHILDHOOD EDUCATION (ECE) II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	8237
Prerequisites:	Early Childhood Educ I.			Notes:	1. This is required for the Early Childhood Education Program. 2. Students are required to have a current physical and TB test. 3. Students must have FBI fingerprinting completed. 4. Students must have a criminal background check completed.

This course is designed to prepare students for a variety of occupations in the early childhood field. Topics covered in this class include growth from birth to nine years and development, assessment tools, guidance skills, preparing a safe and inviting environment, selecting educational materials, classroom rules, and the handling of daily routines. Students will leave this course with a strong understanding of child development up to the age of 9. Hours in this class count towards the requirement necessary to take the CDA examination. Clearances including FBI fingerprinting and criminal clearances and a wellness examination are required for this course because students work in actual child care centers throughout the Pottstown community. Students participate in Skills USA

EARLY CHILDHOOD EDUCATION (ECE) III		
Open to Grades: 12	Credit(s): 4	Course Number: 8239
Prerequisites: Early Childhood Educ II	Notes: 1. This is required for the Early Childhood Education Program. 2. Weighted course at 1.025	

This weighted course is designed to prepare students to handle the curriculum components of the early childhood classroom. Topics will include: guided, storytelling, play and puppetry, math, science, social studies, music and movement. Students will prepare activities to use in their clinical experience and for their portfolio. The portfolio will be worked on throughout this course and is a requirement of the CDA credential. This course builds on the skills learned in Childcare Core, Early Childhood Education and Child Development, and Nutrition, Nurturing and Child Safety. A majority of student class time will be spent in practical application in an actual childcare facility. By the end of this course students will have had the opportunity to complete the 200 clinical hours required for CDA certification. High achieving students may also graduate with a PA Skills Certificate. Clearances and a wellness examination are required for this course because students work in actual child care centers. Employability skills are addressed in this class including resumes, cover letters, and interviewing skills. Students participate in Skills USA. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program. **Students who earn a score of Advanced on the NOCTI test may be eligible for up to 12 college credits at one of the many articulated colleges or universities.**

ENGINEERING TECHNOLOGIES

Engineering Technology consists of a series of courses that expose students to the various disciplines of engineering including: civil engineering, electrical and electronic engineering, design, manufacturing, industrial, and mechanical engineering. Electro-mechanical systems, robotics, electrical and electronic theory, thermal heat, and fluid and pneumatic power are also covered in depth as part of this program. Additionally aerospace and chemical engineering are reviewed. Students who complete this program will have a strong base on which to continue their studies in an engineering field.

PRINCIPLES OF ENGINEERING		
Open to Grades: 9	Credit(s): .5	Course Number:
Prerequisites: None.	Notes:	This is NOT a required course for the Engineering Technologies program

This course is a survey course of engineering. Students are introduced to the field of engineering and the careers associated with engineering. The goal of this course is to provide high school students a broad outline of engineering and help them decide on a career in engineering. The course explores the different disciplines of engineering and providing participants with a broad background in different areas of engineering.

ENGINEERING TECHNOLOGIES I		
Open to Grades: 10-12	Credit(s): .5	Course Number: 4320
Prerequisites: None.	Notes:	This is a required course for the Engineering Technologies program

Engineering Technologies I exposes students to some of the major concepts that they will encounter in an engineering course of study. Engineering Technologies I will provide an overview of engineering where students will have an opportunity to investigate various engineering disciplines. This course gives students the opportunity to develop an understanding of course concepts through activity, project, and problem-based learning. Engineering Technologies I will challenge students to continually hone their interpersonal skills, creative abilities, mathematical talents, and problem solving skills based upon engineering concepts. This curriculum is project based, emphasizing drawing and the construction of a prototype.

ENGINEERING TECHNOLOGIES II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	4321
Prerequisites:	Engineering Technologies I.			Notes:	This is a required course for the Engineering Technologies program

This program provides students with pre-professional experiences in the field of engineering and related technologies. Curriculum is enhanced through the use of state-of-the art technology and Amatrol Hands-On Learning Systems. The Engineering Technology program is a rigorous sequence of courses that allows students to develop skills in engineering and engineering technology. Through the use of Amatrol Learning Systems students will study the practical side of engineering related technology through hands-on activities. Drafting and 3-D modeling using Solidworks will also be reviewed. This project-based curriculum challenges students to use mathematical, scientific, and technological principles to solve real world problems. Exposure to principles of engineering and introduction to engineering design will help students prepare to enter a two or four-year college or technical school.

ENGINEERING TECHNOLOGIES III					
Open to Grades:	12	Credit(s):	4	Course Number:	4322
Prerequisites:	Engineering Technologies II.			Notes:	1. This is a required for the Engineering Technologies program 2. Weighted course at 1.025%

This course is a continuation of Engineering Technologies II. It provides students with pre-professional experiences in the field of engineering and related technologies. Curriculum is enhanced through the use of state-of-the art technology and Amatrol Hands-On Learning Systems. The Engineering Technology program is a rigorous sequence of courses that allows students to develop skills in engineering and engineering technology. Through the use of Amatrol Learning Systems students will study the practical side of engineering related technology through hands-on activities. Drafting and 3-D modeling using Solidworks will also be reviewed. This project-based curriculum challenges students to use mathematical, scientific, and technological principles to solve real world problems. Exposure to principles of engineering and introduction to engineering design will help students prepare to enter a two or four-year college or technical school.
Students who earn a score of Advanced on the NOCTI test may be eligible for up to 12 college credits at one of the many articulated colleges or universities.

ENGLISH

Four one credit courses in English are required for graduation. Students are encouraged to elect additional English courses, related to their interest and level of ability, to assist in the development of their knowledge and their writing, oral communication, and critical thinking skills.

ENGLISH I					
Open to Grades:	9	Credit(s):	1	Course Number:	1010
Prerequisites:	None.			Notes:	None.

This course focuses on the review and development of previously learned concepts in literature, grammar and writing. Coursework includes the extension and refinement of the 5 paragraph essay incorporating the benchmarks of the Keystone Writing Rubric, development from a programmed series, literature and supplemental reading selections. Literature focus is developed through the reading of short stories, novels, plays, poetry and student chosen readings of fiction/nonfiction selections. Work in the areas of standard English conventions and vocabulary development are stressed. Presentation skills are taught as needed to assist students in this area of language arts expression.

HONORS ENGLISH I					
Open to Grades:	9	Credit(s):	1	Course Number:	1015
Prerequisites:	None.			Notes:	Weighted course at 1.10. Teacher recommendation required

For students who have strong language skills and a desire to pursue Advanced Placement English by their senior year. The course initially requires 2 novels of summer reading with a writing assignment. This course follows the English I curriculum including a variety of genres. However, this course contains extra units of literature and more extensive writing assignments designed to prepare students for further AP courses and college writing. Extra literary units include Greek tragedy, mythology, Great Expectations and supplemental short stories and novels. Writing assignments include narrative, expository, and literary analysis essays. SUMMER READING IS A REQUIREMENT

ENGLISH II					
Open to Grades:	10	Credit(s):	1	Course Number:	1020
Prerequisites:	None.			Notes:	None.

The English II curriculum is designed to strengthen communication skills and stimulate creativity through active participation in reading, writing, speaking, and memory building. Multicultural literature is explored by analyzing short stories, plays, poems and novels that focus on issues relevant to the lives of teenagers. Vocabulary building is emphasized. Written expression is refined through completion of essays, book-related projects, and critical reviews. Standard English conventions are reinforced. Good oral expression is developed through lively presentations. Throughout the semester, memory building is enhanced by practicing focus, understanding, and repetition.

HONORS ENGLISH II

Open to Grades: 10	Credit(s): 1	Course Number: 1021
Prerequisites: None.	Notes:	Weighted course at 1.10. Teacher recommendation required

This course is designed for students who have strong language and writing skills and intend to pursue Advanced Placement English courses in the junior or senior year. The course requires a summer reading assignment of two novels and a biography and the completion of a writing component such as a study guide. Pre AP English II follows the English II curriculum but with greater emphasis placed upon the development of writing skills in the following contexts: persuasive, compare/contrast, critiques of fiction and non-fiction, and research. Thorough study of style and standard English conventions is stressed.

AMERICAN LITERATURE AND COMPOSITION		
Open to Grades: 11	Credit(s): 1	Course Number: 1030
Prerequisites: None.	Notes:	None.

Emphasis is placed on reading and interpreting American literature. Students are trained to use the writing process to create essays, and guided responses. Students read four novels outside of class. Vocabulary development, style and voice are stressed as well as standard English conventions.

HONORS AMERICAN LITERATURE AND COMPOSITION		
Open to Grades: 11	Credit(s): 1	Course Number: 1031
Prerequisites: None.	Notes:	Weighted course at 1.10 Teacher recommendation required

Emphasis is placed on reading and interpreting American literature. Students are trained to use the writing process to create essays, and guided responses. Students read four novels outside of class. Vocabulary development, style and voice are stressed as well as standard English conventions. In this course greater emphasis is placed on critical thinking, analysis of literature, and academic writing.

WORLD LITERATURE & COMPOSITION		
Open to Grades: 12	Credit(s): 1	Course Number: 1040
Prerequisites: None.	Notes:	None.

This course is a survey course of world literature throughout the ages. Through the study of works of world literature, students will develop their critical reading skills, critical thinking skills, literary analysis skills, writing skills, and public speaking skills. Continued study in the areas of vocabulary development and standard English conventions are stressed.

HONORS WORLD LITERATURE & COMPOSITION		
Open to Grades: 12	Credit(s): 1	Course Number: 1041
Prerequisites: None.	Notes:	Weighted course at 1.10 Teacher recommendation required

Honors World Literature is a course that will prepare students for the rigors of college academics by challenging them to read actively, think critically, and research effectively, write analytically, and speak formally about the great masterpieces of British and World Literature. In this course greater emphasis is placed on critical thinking, analysis of literature, and academic writing. Summer reading may be required.

AP LANGUAGE & COMPOSITION		
Open to Grades: 11-12	Credit(s): 1	Course Number: 1045
Prerequisites: None.	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam 3. Teacher Recommendation required

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students should be able to read and comprehend college-level texts and apply the conventions of the Standard Written English in writing. Summer work is a requirement of this course. Failure to complete summer work by the first day of class will result in removal from the class.

AP LITERATURE & COMPOSITION		
Open to Grades: 12	Credit(s): 1	Course Number: 1046
Prerequisites: None.	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam.

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Students should be able to read and comprehend college-level texts and apply the conventions of Standard Written English in their writing. Summer work is a requirement of this course. Failure to complete summer work by the first day of class will result in removal from the class.

PUBLIC SPEAKING		
Open to Grades: 9-12	Credit(s): .5	Course Number: 1241
Prerequisites: None.	Notes: None	

The objective of this course is to develop the ability to speak correctly and effectively on formal and informal occasions. The work requires participation in various forms of speech activities: conversation, discussion, business and professional application, and formal speech making.

CREATIVE WRITING					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	1232
Prerequisites:	None.			Notes:	This course can be taken multiple times for credit.

Let your imagination soar, and give your creativity and written word skills a boost with the Creative Writing I course. Review basic writing skills, literary techniques and elements, and what makes engaging, masterful fiction and nonfiction. Develop more advanced writing skills while exploring their use through the creation of short stories, poems, ten- minute plays, and other creative endeavors! Students will read selected works in each genre studied in order to gain exposure to those elements that make writers successful. The course may include presentations by local and not so local authors. Students are required to create and submit a written portfolio as part of the final assessment.

ACADEMIC WRITING					
Open to Grades:	11-12	Credit(s):	.5	Course Number:	1236
Prerequisites:	None.			Notes:	This course can be taken multiple times for credit.

Academic writing is designed to teach critical thinking and writing skills needed to communicate in college classes and the workplace. Students will be asked to write many different assignments under a variety of circumstances. Focused skills include: interpretation, analysis, synthesis, and research. College Bound students are strongly encouraged to take this course.

ENTREPRENEURSHIP

The backbone of the American economy is the small business owner. Nearly 50% of all Americans state they would like to own their own business. This program will provide the foundation necessary to successfully start and run a small business. Learn how to develop a business plan, seek investors, and the pitfalls of the new beginner. In this program students will engage in the actual real-world experience of starting a business from the first step to the last.

ENTREPRENEURSHIP I					
Open to Grades:	10-12	Credit(s):	.50	Course Number:	8040
Prerequisites:	None.			Notes:	This is a required component for the Entrepreneurship Program.

Anyone interested in business will love this course! This course is designed to provide the foundation necessary for successful employment and growth as self-employed business owners. Coursework includes developing an ability to make informed decisions as potential future business owners. Students will work in groups and independently at developing, creating, and selling products within the high school setting. Students will be introduced to a business plan. Field trips and case studies are all part of this class.

ENTREPRENEURSHIP II					
Open to Grades:	11-12	Credit(s):	4	Course Number:	8045
Prerequisites:	Entrepreneurship I.			Notes:	This is required component of the Entrepreneurship Program.

This course covers the concepts of financing a business venture by developing, planning, and organizing a business venture. A main focus of this course is the process involved in acquiring resources to transform ideas into actual goods and services.. In this course students will also look at the differences between starting a new business as compared to revitalizing an existing one. Students will begin the process of writing a business plan while also implementing a new school-based enterprise.

ENTREPRENEURSHIP III					
Open to Grades:	12	Credit(s):	4	Course Number:	8046
Prerequisites:	Entrepreneurship II.			Notes:	1. This is a required component of the Entrepreneurship Program. 2. Weighted course at 1.025

In this weighted course, students will finalize the business plan begun the previous year, present it to potential investors to obtain financial backing and implement the plan by working to start a new business within the community of Pottstown. Students who earn a score of advanced on the NOCTI test may be eligible for up to 6 college credits at an articulated college or university.

FOUNDATION COURSES AND MISCELLANEOUS ELECTIVES

ADULTING 101		
Open to Grades: 12	Credit(s): .5	Course Number: 9990
Prerequisites: Approval of School Counselor	Notes:	This is a Pass/Fall course This course is offered in the spring only

This seminar course is designed to explore concepts and topics that are an important part of transitioning into young adulthood. Example topics that may be explored include, but are not necessarily limited to; budgeting, banking, student loans, time management, study skills, organizational skills, resume/cover letter writing, interviewing skills, and basic automotive maintenance. The goal of this course is to have students study topics that will be beneficial to them as they enter into their post-high school years. Students will receive a grade of pass/fail upon completion of this seminar course.

CAREER EXPLORATION		
Open to Grades: 10-12	Credit(s): .5	Course Number: 8011
Prerequisites: None.	Notes:	This course is required for graduation. This course is part of the Marketing program.

In this course students will conduct personality inventories to determine the careers that best match their personality traits. Students will explore and research careers of interest and develop a career plan. Career portfolios will be updated through Naviance. Topics covered in this course include investigating college and post-secondary options, cyber safety, interview and business communications, job seeking skills and documents, and employment law and business ethics. This course is required for graduation.

COLLEGE 101		
Open to Grades: 12	Credit(s): .5	Course : 9999
Prerequisites: Approval of School Counselor	Notes: This is a Pass/Fail course Course runs in fall semester only	

This seminar is open to seniors only who are applying to college in the fall of their senior year. Students will thoroughly learn how to complete college applications properly, understand types of financial aid, and research scholarship opportunities. Students will create active and current resumes, cover letters, and references. Students will prepare for interviews including proper attire, behavior, and responses to various and unique questions. A mock interview is required at the end of the semester. Students will receive a pass/fail grade for College 101.

COMPUTER APPLICATIONS					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	8010
Prerequisites:	None.	Notes:	This course is required for graduation.		

Students will explore the various ways they can communicate using Google Drive applications including Google Slides, Google Sheets, and Google Docs. Google sites are explored in this course as well as website evaluations and proper Internet usage and conduct. Skills strengthened in this course include employability skills, business letter writing, electronic student portfolios using Naviance, email etiquette, spreadsheet use and applications, and document formatting. This course is required for graduation.

DUAL ENROLLMENT, MONTGOMERY COUNTY COMMUNITY COLLEGE – Fall					
Open to Grades:	11-12	Credit(s):	1	Course Number:	9242
Prerequisites:	Approval of School Counselor	Notes:	Weighted course at 1.10.		

Students take this course at a dual enrollment location and receive credit for the course at Pottstown High School.

DUAL ENROLLMENT, MONTGOMERY COUNTY COMMUNITY COLLEGE – Spring					
Open to Grades:	11-12	Credit(s):	1	Course Number:	9241
Prerequisites:	Approval from School Counselor.	Notes:	Weighted course at 1.10.		

Students take this course at a dual enrollment location and receive credit for the course at Pottstown High School.

ECONOMICS					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	8021
Prerequisites:	None.	Notes:	This course is required for graduation.		

This course will prepare students to master fundamental economic concepts. It will apply the tools from other subject areas to the understanding of the operations and institutions of economics systems. Economics will analyze how people, businesses and governments choose to use resources. Students will study the basic economic principles of micro and macroeconomics, and the role government plays on the American economy.

PERSONAL FINANCE		
Open to Grades: 9-12	Credit(s): .5	Course Number: 8020
Prerequisites: None.	Notes: This course is required for graduation.	

This course will cover real world topics such as income, money management, credit, saving, and investing. Students will design personal and household budgets utilizing checking and savings accounts. Students will gain knowledge in finance, debt, and credit management, as well as learning how to evaluate and understand insurance and taxes. Students will leave this course with a foundational understanding necessary for making informed personal financial decisions leading to financial independence.

SAT PREP		
Open to Grades: 10-12	Credit(s): .5	Course Number: 9521
Prerequisites: None	Notes: .	

SAT Prep is a teacher directed course designed to help students prepare for the rigors of taking the SAT tests offered by College Board. The primary goal is to identify and implement test taking strategies using prerequisite knowledge. The goal is to increase student performance.

HEALTHCARE TECHNOLOGY

This course is ideal for anyone who is interested in a career in the healthcare field. Future physical therapists, doctors, and nurses gain valuable insight into their field through participation in this program. Students enrolled in the healthcare Technology program will have the opportunity to sit for the Certified Nursing Assistant (CNA) exam. High achieving students may also graduate with a PA Skills Certificate. Articulation agreements also exist for high achieving students desiring to pursue health related studies at the post-secondary level. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

HEALTHCARE TECHNOLOGY I - Introduction to Healthcare					
Open to Grades:	10-12	Credit(s):	2	Course Number:	8821
Prerequisites:	None.			Notes:	This course is required for the Healthcare Technology Program.

The course introduces students to the healthcare industry. Students begin by investigating the history of healthcare and how it has shaped our current views of health. Next students study the various health systems, human growth and development and cultural diversity. They learn to differentiate health facilities, health careers, and the development of a plan to successfully obtain a career in healthcare. Skills learned include leadership skills, teamwork, communication, professionalism, safety, first aid, infection control, and legal and ethical responsibilities. Career exploration into the many careers available in the healthcare field will also be covered in this class

HEALTHCARE TECHNOLOGY II - Anatomy, Physiology, and Disease					
Open to Grades:	11-12	Credit(s):	2	Course Number:	8324
Prerequisites:	Healthcare Technology I.			Notes:	This course is required for the Healthcare Technology Program.

In Healthcare Technology II students learn medical terminology from a body systems approach. The focus of this course includes anatomy, physiology, and disease process. Students utilize science, math, and problem solving skills to assess and determine where the patient lies on the health and wellness continuum, as well as how to treat diseases and disorders. Students also coordinate blood drives. Hands-on work experiences and HOSA leadership activities provide many opportunities to enhance classroom instruction and career development.

HEALTHCARE TECHNOLOGY III - Patient Care Skills					
Open to Grades:	12	Credit(s):	4	Course Number:	8336
Prerequisites:	Healthcare Technology II.	Notes:	1. This course is required for the Healthcare Technology Program. 2. Weighted course at 1.025		

This weighted course continues the skills learned in Levels 1 and 2 with practical application in a clinical setting. Clinical experience occurs during regularly scheduled class time at a local long term care facility. . Because they are working in a long term care facility with living patients, all Level III students are required to wear medical scrubs, pass a PA criminal background check, and have a recent physical and 2-step mantoux test. In addition to patient care, the study of anatomy and physiology, body systems, medical terminology, etc. are continued. Articulation agreements also exist for high achieving students desiring to pursue healthcare or medical studies at the post-secondary level. Students receiving a score of Advanced on the National Occupational **Competency Institute (NOCTI) examination will receive a minimum of 3 college credits at participating post-secondary institutes through the PA SOAR program.**

LANGUAGES

Communicating in another language is fast becoming part of our daily life. Students interested in pursuing the health services and technology fields should give serious consideration to the basic foreign language courses. Many colleges require further study of a foreign language at the university level in order to receive a degree. A strong, continuous foreign language background in high school provides the student a solid basis for future college courses.

FRENCH I		
Open to Grades: 9-12	Credit(s): 1	Course Number: 5021
Prerequisites: None.	Notes: None.	

This introductory course is designed to develop the four skills of language learning: listening, speaking, reading, and writing. Specific content will include, but is not limited to, subject/verb agreement in the present tense and noun/adjective agreement. The course also provides insight into the culture and civilization of the French-speaking world.

FRENCH II		
Open to Grades: 9-12	Credit(s): 1	Course Number: 5022
Prerequisites: French I.	Notes: None.	

This course continues the development of the four skills of language learning: listening, speaking, reading, and writing. Specific content will include, but is not limited to, subject/verb agreement in the past tense and formal and informal commands. Functions will extend from describing people and places to exchanging the latest news. We will continue to explore the culture of the French-speaking world.

HONORS FRENCH III					
Open to Grades:	11-12	Credit(s):	1	Course Number:	5023
Prerequisites:	French II	Notes:	Weighted course at 1.10. Teacher recommendation required		

The emphasis in French III gradually switches from listening/speaking to speaking/reading. Short stories are read and controlled writing increases. Cultural awareness and understanding continue to be emphasized.

HONORS FRENCH IV					
Open to Grades:	12	Credit(s):	1	Course Number:	5024
Prerequisites:	French III.	Notes:	Weighted course at 1.10. Teacher recommendation required		

The emphasis in French IV shifts from controlled speaking and writing to open-ended speaking and writing. Total use of French is encouraged.

SPANISH I					
Open to Grades:	9-12	Credit(s):	1	Course Number:	5011
Prerequisites:	None.	Notes:	None.		

This introductory course is designed to develop the four skills of language learning: listening, speaking, reading, and writing. Specific content will include, but is not limited to, subject/verb agreement in the present tense and noun/adjective agreement. The course also provides insight into the culture and civilization of the Spanish speaking world.

SPANISH II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	5012
Prerequisites:	Spanish I.	Notes:	None.		

This course continues the development of the four skills of language learning: listening, speaking, reading, and writing. Specific content will include, but is not limited to, subject/verb agreement in the past tense and formal and informal commands. Functions will extend from describing people and places to exchanging the latest news. We will continue to explore the culture of the Spanish-speaking world.

HONORS SPANISH III					
Open to Grades:	11-12	Credit(s):	1	Course Number:	5013
Prerequisites:	Spanish II	Notes:	Weighted course at 1.10 Teacher recommendation required		

The emphasis in Spanish III gradually switches from listening/speaking to speaking/reading. Short stories are read and controlled writing increases. Cultural awareness and understanding continue to be emphasized.

HONORS SPANISH IV					
Open to Grades:	12	Credit(s):	1	Course Number:	5014
Prerequisites:	Spanish III	Notes:	Weighted course at 1.10 Teacher recommendation required		

The emphasis in Spanish IV shifts from controlled speaking and writing to open-ended speaking and writing. Total use of Spanish is encouraged.

GERMAN I					
Open to Grades:	10-12	Credit(s):	1	Course Number:	5041
Prerequisites:	None.	Notes:	1. This is a virtual course via Connexus Learning. 2. After enrolling, students must complete a registration form from the VAL Facilitator		

This is a beginning level course that will introduce the student to a variety of areas of language learning. In this course, the student will learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, or themes, of material (greetings, the date, weather, time, and colors), the student will learn to express himself using an ever-increasing vocabulary, present-tense verbs, articles, and adjectives. Grammar is introduced and practiced in innovative and interesting ways with a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories.
(Connexus Learning)

GERMAN II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	5042
Prerequisites:	German I	Notes:	1. This is a virtual course via Connexus Learning. 2. After enrolling, students must complete a registration form from the VAL Facilitator		

German II A is an intermediate level course that will introduce the student to a variety of areas of language learning. In this course, the student will continue to learn listening, speaking, reading, and writing skills through a variety of activities. Throughout the five units, the student will learn to express himself using ever-increasing language skills and a variety of learning styles in mind. Culture is presented throughout the course to help the learner focus on the German-speaking world, people, geographical locations, and histories. *(Connexus Learning,)*

LATIN I					
Open to Grades:	10-12	Credit(s):	1	Course Number:	
Prerequisites:	None.	Notes:	1. This is a virtual course via Connexus Learning. 2. After enrolling, students must complete a registration form from the VAL facilitator		

Students build a foundation in Latin grammar and vocabulary as well as an appreciation and understanding of the Roman culture as the foundation for much of Western culture. Through the study of Latin, students will gain insights into the grammatical constructs of the English language as they increase their vocabulary and understanding of word origins. *(Connexus Learning,)*

LATIN II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	
Prerequisites:	Latin I	Notes:	3. This is a virtual course via Connexus Learning. 4. After enrolling, students must complete a registration form from the VAL Facilitator		

Students build on their knowledge of Latin grammar and vocabulary and gain a solid foundation in the structure of the language as well as an understanding of the life and times of ancient Romans. They learn to appreciate how Roman engineering, art, commerce, and law systems were all supported by a clear, expressive, and flexible language.*(Connexus Learning,)*

SIGN LANGUAGE I		
Open to Grades: 9-12	Credit(s): .5 or 1	Course Number: 5071
Prerequisites: None.	Notes:	1. This is a virtual course via Connexus Learning. 2. After enrolling, students must complete a registration form from the VAL Facilitator 3. Some post-secondary schools do not recognize this course as a foreign language credit.

In this course, students are introduced to the fundamental concepts of American Sign Language. Students explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques, and are exposed to activities and exercises that help them understand the culture of deaf and hard-of-hearing people. This course is available as a full one credit course or can be taken in two parts at .5 credits each (listed on the course selection sheet as 1A and 1B). It is possible to take only Sign Language 1A without taking Sign Language 1B.

SIGN LANGUAGE II		
Open to Grades: 9-12	Credit(s): .5 or 1	Course Number: 5072
Prerequisites: Sign Language I	Notes:	1. This is a virtual course via Connexus Learning. 2. After enrolling, students must complete a registration form from the VAL Facilitator 3. Some post-secondary schools do not recognize this course as a foreign language credit.

In this course, students build on the fundamental concepts of American Sign Language learned in Sign Language I. Students explore vocabulary, grammar, and conversational skills using basic signing and fingerspelling techniques, and are exposed to activities and exercises that help them understand the culture of deaf and hard-of-hearing people. This course is available only as a full one credit course.

MANAGEMENT INFORMATION SYSTEMS (MIS)

Careers in the field of Management Information Systems will grow faster than average between now and the year 2022. Do you have an interest in business, computers, or information systems? Students in the MIS program learn the principles, tools, and techniques used in the design, programming, administration, and security of computers and information systems. Throughout the program students will learn office safety, computer fundamentals, database administration and computer maintenance/troubleshooting. High achieving students will graduate with a PA Skills Certificate. Articulation agreements also exist for high achieving students desiring to pursue MIS at the post-secondary level. Students receiving a score of Advanced on the NOCTI examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

MANAGEMENT INFORMATION SYSTEMS (MIS) I			
Open to Grades: 10-12	Credit(s): .5	Course Number: 8910	
Prerequisites: None.		Notes:	This course is required for the MIS program.

This course serves as the foundation for the Management Information Systems program. Students will explore the management of information system with an emphasis on database architecture, database management systems and database systems. Fundamentals of computer maintenance and troubleshooting will also be explored along with basic graphic design concepts.

MANAGEMENT INFORMATION SYSTEMS (MIS) II			
Open to Grades: 11-12	Credit(s): 4	Course Number: 8920	
Prerequisites: Management Information Systems I.		Notes:	This course is required for the MIS program.

This course offers an in-depth exploration of database administration, computer maintenance and troubleshooting, networking, and technology management. Students will participate in extensive laboratory exercises and simulations to practice the real-life situations they will be introduced to while working in the field.

MANAGEMENT INFORMATION SYSTEMS (MIS) III			
Open to Grades: 12	Credit(s): 4	Course Number: 8930	
Prerequisites: Management Information Systems II		Notes:	This course is required for the MIS program. Weighted course at 1.025.

This weighted course is a continuation of MIS I offers an in-depth exploration of database administration, computer maintenance and troubleshooting, networking, and technology management. Students will participate in extensive laboratory exercises and simulations to practice the real-life situations they will be introduced to while working in the field. **Students who earn a score of Advanced on the NOCTI test may be eligible for up to 12 college credits at one of the many articulated colleges or universities.**

MATHEMATICS

Three one-credit courses in mathematics are required for graduation: Algebra I, Geometry, & Algebra II. Each student is expected to schedule a course appropriate to his/her level of achievement and vocational interest. Students planning to attend a four-year college should complete the formal sequence of Algebra I, Geometry, Algebra II, and a senior level math course.

PRE-ALGEBRA					
Open to Grades:	9	Credit(s):	1	Course Number:	3000
Prerequisites:	Placement Test/Teacher Recommendation	Notes:	None		

This elementary course in Algebra develops a basic understanding of mathematical systems particularly the real number system. The students will learn the fundamental language, skills, procedures and concepts of Algebra. The course begins with basic rules of Algebra and follows through with graphing and solving linear equations. The students will solve, graph, write, and transform linear equations using prescribed methods. The course culminates with a unit on systems of equations. Students will also apply their knowledge of linear equations to linear inequalities. Extensive use of technology in the form of computers and graphic calculators will be used.

ALGEBRA I					
Open to Grades:	9	Credit(s):	1	Course Number:	3010
Prerequisites:	Pre-Algebra or Placement Test and Teacher Recommendation	Notes:	Student will be required to take the Algebra Keystone Exam at the end of this course.		

This course is designed to mathematically prepare the student for the technically oriented professions or college. It serves as a solid base on which higher levels of mathematics can be built. The students will apply the fundamental language, skills, procedures, and concepts learned in Pre-Algebra. The course begins with learning the rule for simplifying and evaluating expressions involving exponents and powers. The course then focuses on non-linear equations. As a foundation for non-linear equations, the students will study polynomials and radicals. Students will also learn probability and statistics. The students will use a variety of methods to solve non-linear equations. The ability to solve and graph non-linear equations is applied to systems of equations. The students are assessed through tests, quizzes, lab activities, and assignments. It is imperative that the students have good attendance because of the amount of notes and guided practice that is done in class. Extensive use of technology in the form of computers and graphic calculators will be used.

HONORS ALGEBRA I					
Open to Grades:	9	Credit(s):	1	Course Number:	3011
Prerequisites:	Minimum grade of 90% in Pre-Algebra or Placement Test and Teacher Recommendation.	Notes:	1. Student will be required to take the Algebra Keystone Exam at the end of this course. 2. Weighted course at 1.10. 3. Teacher recommendation required.		

This course serves as a solid base on which higher levels of mathematics can be built. The students will apply the fundamental language, skills, procedures, and concepts learned in Pre-Algebra. The course begins with learning the rule for simplifying and evaluating expressions involving exponents and powers. The course then focuses on non-linear equations. As a foundation for non-linear equations, the students will study polynomials and radicals. Students will also learn probability and statistics. The students will use a variety of methods to solve non-linear equations. The ability to solve and graph non-linear equations is applied to systems of equations. The students are assessed through tests, quizzes, lab activities, and assignments. It is imperative that the students have good attendance because of the amount of notes and guided practice that is done in class. Extensive use of technology in the form of computers and graphic calculators will be used.

GEOMETRY					
Open to Grades:	9-10	Credit(s):	1	Course Number:	3030
Prerequisites:	Algebra I.	Notes:	None.		

Students will learn how to write a two-column proof. Students will be asked to use Algebra I in solving problems. Students will gain an understanding of the terms, theorems, formulas and postulates of geometry. Students will be able to solve problems that relate to triangles, quadrilaterals, parallelograms, circles and solid figures. This course will also include some basic trigonometry. One must take this course if one plans on taking higher math courses. Students will use a protractor, compass, and other tools to explore the relationships in triangles. Extensive use of technology in the form of computers and graphic calculators will be used.

HONORS GEOMETRY					
Open to Grades:	9-10	Credit(s):	1	Course Number:	3035
Prerequisites:	Algebra I or Honors Algebra I Minimum grade of 90% in Algebra I or a minimum grade of 80% in Honors Algebra I	Notes:	Weighted course at 1.10. Teacher recommendation required.		

This course is for the more serious geometry student. It requires independent, abstract thinking using deductive and inductive reasoning. One should have a good understanding of algebra. Topics will include all those in the geometry course plus a stress on two column proofs and an introduction to non-Euclidean geometry. Students will use a protractor, compass, and other tools to explore the relationships in triangles. Extensive use of technology in the form of computers and graphic calculators will be used.

ALGEBRA II					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3020
Prerequisites:	Geometry or Honors Geometry.	Notes:	None.		

This course extends the concepts learned in Algebra I by looking at families of functions such as quadratic, power, radical, rational, exponential, and logistic. Each is analyzed from the perspective of translations, domain and range, asymptotic behavior, and critical values. Extensive use of technology in the form of computers and graphing calculators is included.

HONORS ALGEBRA II					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3025
Prerequisites:	Geometry or Honors Geometry Minimum grade of 90% in Geometry or a minimum grade of 80% in Honors Geometry	Notes:	Weighted course at 1.10. Teacher recommendation required.		

This course extends the concepts learned in Algebra I by looking at families of functions such as quadratic, power, radical, rational, exponential, logistic, and trigonometric functions. Each is analyzed from the perspective of translations, domain and range, asymptotic behavior, and critical values. Extensive use of technology in the form of computers and graphing calculators is included.

TRIGONOMETRY/PRECALCULUS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3040
Prerequisites: Algebra II		Notes: None			

Precalculus, as its name suggests, is a course taken prior to Calculus. As such, it extends the topics introduced in Algebra I, Geometry, and Algebra II and provides an extensive treatment of Trigonometry. For students not pursuing educational goals in STEM subjects, it and Statistics should be sufficient to satisfy the quantitative requirements of a college major.

HONORS TRIGONOMETRY/PRECALCULUS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3041
Prerequisites:	Minimum grade of 90% in Algebra II or a minimum grade of 80% in Honors Algebra II	Notes:	Weighted course at 1.10		

Precalculus, as its name suggests, is a course taken prior to Calculus. As such, it extends the topics introduced in Algebra I, Geometry, and Algebra II and provides an extensive treatment of Trigonometry. This course introduces students to the underlying, foundational concepts of calculus, including limits and continuity.

CALCULUS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3050
Prerequisites:	Trigonometry/PreCalculus with a minimum grade of 80%	Notes:	Weighted course at 1.10.		

This course builds foundations which will permit the study of college level mathematics and develops the student's ability to deal with quantitative relationships which include limits, rates of change, and area between curves. This course will incorporate technology into the instruction. By using this technology, the successful study of Calculus will be more realistic for all students. Specifically, we will be using the TI- Inspire Graphics calculators.

AP CALCULUS AB/UNIVERSITY OF PITTSBURGH CALCULUS 220					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3055
Prerequisites:	Trigonometry/PreCalculus with a minimum grade of 90% or Honors Trigonometry/PreCalculus with a minimum grade of 80%	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam and/or register for Math 220 from the University of Pittsburgh. 3. Teacher recommendation required.		

This course prepares students for credit in college-level calculus through either the Advanced Placement exam or through transcript credit via the University of Pittsburgh. AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP test covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches student to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally , and to make connections amongst these representations.

The University of Pittsburgh course is the Math 220 course from the U of Pitt course catalogue. It is a 4-credit Calculus I course with Univ. of Pitt. tests and final. These assessments provide the basis for a grade provided to the student on an official University of Pittsburgh transcript effectively giving him/her credits that will likely transfer to other institutions.

AP CALCULUS BC					
Open to Grades:	12	Credit(s):	1	Course Number:	3057
Prerequisites:	AP Calculus AB	Notes:	1.Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required.		

This course extends the learning of AP Calculus AB by adding the topic of sequence and series. The AP test will give two different scores. One score will be for the Calculus AB test and the other for the Calculus BC test. Therefore, students who have taken the Calculus AB test previously will have the opportunity to improve that score.

STATISTICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3125
Prerequisites:	Algebra II or Honors Algebra II	Notes:	Weighted course at 1.10.		

This course can be taken by students who do not wish to take the more rigorous Advanced Placement Statistics Course. The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: Exploring Data: Describing patterns and departures from patterns; Sampling and Experimentation: Planning and conducting a study; Anticipating Patterns: Exploring random phenomena using probability and simulation; Statistical Inference: Estimating population parameters and testing hypotheses. Statistics is a normal requirement in college for majors such as Business, Economics, etc.

AP STATISTICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3127
Prerequisites:	Algebra II or Honors Algebra II Minimum grade of 93% in Algebra II or 85% in Honors Algebra II	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required.		

The AP Statistics course is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

PERFORMING ARTS

BAND					
Open to Grades:	9-12	Credit(s):	1	Course Number:	7300
Prerequisites:	Prior band participation or instructor approval.	Notes:	Summer band camp participation required. Participation in Marching Band required. This course can be taken multiple times for credit.		

Membership in the band is available to any student who demonstrates adequate skill on a band instrument. Participants gain the experience of studying and performing good musical literature of all styles and periods. The development of sound interpretative skills and reasonable technical facility are primary goals of the course. It is required that each member participate in every facet of the course, (i.e., both marching and concert). This includes but is not limited to summer band camp. Rehearsals are frequently held outside of the regular school day.

BAND & CHOIR					
Open to Grades:	9-12	Credit(s):	1	Course Number:	7300
Prerequisites:	Prior band participation or instructor approval.	Notes:	Summer band camp participation required. Marching Band participation required. This course can be taken multiple times for credit.		

In this course, students participate in both the Band and Choir. See Course description for 7200, 7306, 7307.

JAZZ IMPROVISATION/INSTRUMENTAL INSTRUCTION					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7210
Prerequisites:	Prior band participation or instructor approval.	Notes:	None.		

This course will provide the dedicated instrumentalist the instruction and resources needed to improve their technical facility on their instrument. Lesson books, recordings, small ensemble arrangements will be used to prepare the student for district band auditions, college auditions or jazz band solos.

CHOIR					
Open to Grades:	9-12	Credit(s):	1	Course Number:	7306
Prerequisites:	None.			Notes:	Participation in rehearsals and concerts outside of normal school hours is mandatory for this course. This course can be taken multiple times for credit.

The Concert Choir is the largest choral group and performs for school and community concerts and events. This choir sings widely varied literature from the classics to show tunes and popular music. Much emphasis is given to vocal production and technique as well as to improving reading skills and theory comprehension. In addition, the men of the choir will prepare literature composed specifically for men's voices.

ADVANCED VOCAL ENSEMBLE					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7309
Prerequisites:	Choir.			Notes:	Participation in rehearsals and concerts outside of normal school hours are required for this course. This course can be taken multiple times for credit.

This course will be a performance/research intensive class requiring students to practice and sing music of various genres including classical, jazz, Broadway, popular, and multicultural. Advanced Vocal Ensemble students would be required to perform numerous times in the community.

SINGING AND SONGWRITING WITH MUSIC THEORY					
Open to Grades:	9-12	Credit(s):	1	Course Number:	7325
Prerequisites:	Instructor approval.		Notes:	None.	

This course will provide students with an in-depth study to music theory, ear training and sight-singing, and will serve as a preparatory course for students planning to enter the music field. This course is intended for the serious music student who plans to major in music at the post-secondary level.

BEGINNER GUITAR					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7230
Prerequisites:	None.			Notes:	None.

This is a course for beginning guitarists with little or no experience. Students will learn open chords, power chords, movable chords, single note playing, accompaniment techniques, and a variety of playing techniques and styles. The course also includes music fundamentals, theory, songs, and performances, listening and improvising.

GUITAR II					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7231
Prerequisites:	Beginner Guitar	Notes:	None.		

This course builds on the skills covered in Beginner Guitar.

BEGINNER PIANO					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7232
Prerequisites:	None.	Notes:	None.		

This course is designed for students to acquire techniques and knowledge necessary in becoming an independent musician. Theoretical concepts such as Scales, Chords, Rhythm, and harmonic progression will be covered. Sight-reading and ear-training exercises will provide proper foundations for learning music of various genre. Students will understand the similarities between classical and contemporary artists.

PIANO II					
Open to Grades:	9-12	Credit(s):	.5	Course Number: 7233	
Prerequisites:	Beginner Piano	Notes:	None.		

This is a course builds on the skills covered in Beginner Piano

MUSIC PRODUCTION I					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7335
Prerequisites:	None.	Notes:	None.		

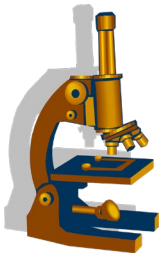
This course will give students the opportunity to study the elements of acoustic science, audio technology, and create electronic compositions and arrangements. A working knowledge of the tools and techniques commonly used in recording, live audio reinforcement, and electronic composition and publishing will make up the bulk of the course.

MUSIC PRODUCTION II					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7338
Prerequisites:	Music Production I	Notes:	None		

Students will continue building skills they learned in Music Production I, expanding their knowledge of industry standard practices for creating, recording, and mixing acoustic and virtual instruments. Topics covered include digital audio and MDI theory, DAW signal flow and system requirements, MIDI sequencing stereo mixing techniques, and the use of software-based virtual instruments and effects processors. Students receive hands-on practice in digital music production culminating in a final recording, sequencing, and mixing project of their own composition.

SCIENCE

Science and technology heavily influence the age in which we live. In order to fully realize their potential, students must understand and appreciate the natural and physical worlds. Depending on career goals, parents and students must consider that many post-secondary schools expect the student to achieve more than minimum graduation requirements in order to be considered for admission.



ENVIRONMENTAL SCIENCE					
Open to Grades:	9-12	Credit(s):	1	Course Number:	4000
Prerequisites:	None.			Notes:	This course will count towards the 3 credits of science required to graduate

This course enables students to develop an understanding of natural and man-made environments and environmental problems the world faces. Students explore environmental science concepts through an inquiry-based approach. This class emphasizes the history of environmental concerns, biomes, species interactions with each other and their environment, air, water, soil and biological resources, population dynamics, toxicology, energy sources, land use management, and other related topics.

HONORS ENVIRONMENTAL SCIENCE					
Open to Grades:	9-12	Credit(s):	1	Course Number:	4001
Prerequisites:	None			Notes:	Weighted at 1.10. Teacher recommendation required Counts towards the 3 credits of science required to graduate

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships in the natural world and to identify and analyze both natural and human made environmental problems. Students will be able to evaluate relative risks associated with these problems, and examine possible ways to prevent or resolve them. Environmental science is interdisciplinary; investigating a wide variety of topics from different areas of study. Honors Environmental Science moves more quickly and delves more deeply into issues and topics than Environmental Science.

AP ENVIRONMENTAL SCIENCE					
Open to Grades:	9-12	Credit(s):	1	Course Number:	4026
Prerequisites:	None		Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required 4. This course counts towards the 3 credits of science required to graduate.	

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

BIOLOGY					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4020
Prerequisites:	None.		Notes:	This course will count towards the 3 credits of science required for graduation	

The course offers generalization and understanding of functions and principles about living things. Biology offers an ease of adjustment to individual and group differences so that there is a wealth of application to daily life. Major units of study include cell biology, genetics, evolution, and the 5 kingdom classifications.

HONORS BIOLOGY					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4025
Prerequisites:	None.		Notes:	1, Weighted course at 1.10 2. Teacher recommendation required 3. This course will count towards the 3 credits of science required for graduation	

Students must demonstrate the intellectual ability necessary to achieve success in this highly competitive Biology class. Past performance is considered in recommending students for this course. Topics include molecular biology, cell biology, genetics, & evolution.

AP BIOLOGY					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4027
Prerequisites:	Biology or Honors Biology and Honors Chemistry or Chemistry	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required		

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry based investigations that provide students with opportunities to apply the science practices.

CHEMISTRY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4030
Prerequisites:	Algebra I or Honors Algebra I	Notes:	This course will count towards the 3 credits of science required for graduation		

This course is designed for the student who has demonstrated science achievement. The course demands excellent math abilities and study habits. This course emphasizes the principles of structure, matter - energy relationships, and the "mole" concept. This is a normal requirement for students anticipating entrance into college.

HONORS CHEMISTRY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4035
Prerequisites:	Algebra I or Honors Algebra I	Notes:	1. Weighted course at 1.10 2. Teacher recommendation required. 3. This course will count towards the 3 credits of science required for graduation.		

This course is designed for the student who has demonstrated superior science achievement. The course demands excellent math abilities and study habits. Course content includes the principle of structure, matter - energy relationships, and the "mole" concept.

AP CHEMISTRY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4037
Prerequisites:	Chemistry or Honors Chemistry. Algebra I or Honors Algebra I	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required.		

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore topics such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course requires that 25 percent of the instructional time provides students with opportunities to engage in laboratory investigations. This includes a minimum of 16 hands-on labs, at least six of which are inquiry based

PHYSICAL SCIENCE					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4046
Prerequisites:	Completion of Environmental Science and Biology	Notes:	This course will count towards the 3 credits of science required for graduation		

This course explores the physical world around us. The interaction of matter and energy in the physical world is the foundation for this hands-on, discovery based course. Extensive lab work, student-centered activities, and real life applications will be the focus throughout this course. This course will focus on major topics of chemistry and physics. Topics for this class introduce chemical bonding, chemical reactions, changes of state, and gas laws. This class also includes physics of motion, forces, atoms, and heat and energy.

EARTH AND SPACE SCIENCE					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4046
Prerequisites:	Completion of Environmental Science and Biology	Notes:	This course will count towards the 3 credits of science required for graduation		

Earth science is a class that collectively seeks to understand the Earth and its neighbors in space. The main purpose of Earth Science is to introduce students to the Earth and the intricate workings of our Earth's systems. Weather, plate tectonics, geologic history, renewable and nonrenewable resources, and astronomy are all covered as part of this class. Research, labs, and classroom activities are all a major part of this class.

BIOETHICS AND CONTEMPORARY ISSUES IN SCIENCE					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	4245
Prerequisites:	A minimum grade of C or better in Biology	Notes:	None		

This course will give students the opportunity to explore the complexity of issues in today's world due in part to the creation of medical technologies that give people unprecedented choices. Mock trials, debates and case studies are some of the the ways students will explore issues including genetically modified organisms (GMO), use of animals in medical research, medically assisted procreation, and the allocation of scarce medical resources. Students will learn about the essentials of argument and reasoning. The study of what separates science from pseudoscience and how to recognize bias in science will also be reviewed.

FORENSIC SCIENCE					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4047
Prerequisites:	Environmental Science or AP Environmental Science	Notes:	None		

Forensics is a one-credit science elective for students interested in a career in science. Various "crimes" will be examined to determine their causes. Different laboratory techniques will be employed to solve the "crimes." Students may be required to participate in dissection lab experiments.

MARINE SCIENCE					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4210
Prerequisites:	None.	Notes:	This is a virtual course through Connexus Learning.		

As our amazing planet continues to change over time, it becomes increasingly more apparent how human activity has made environmental impacts. In the marine science course, you will delve deep into Earth's bodies of water and study geologic structures and how they impact the oceans. You will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. You will be amazed and enlightened at just how much our oceans and lakes affect climate, weather, and seasonal variations. You will have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans currents, tides, and waves. *(Connexus Learning.)*

ZOOLOGY					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	4240
Prerequisites:	Biology, Honors Biology	Notes:	None.		

This introductory class offers a sneak peek at the animal kingdom. This course will focus on animal taxonomy and lower invertebrates. Classification, anatomy, and physiology of the main animal phyla will be covered. The dissection of some animals is required.

ANATOMY AND PHYSIOLOGY I					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4250
Prerequisites:	Biology, Honors Biology	Notes:	This course is weighted at 1.10		

Anatomy & Physiology I is a thorough course that deals with the structure and function of various parts of the human body. Students taking this course will develop the ability to use anatomical language while studying the digestive, integumentary (skin), endocrine, and reproductive systems; as well as blood system that runs throughout our system. Anatomy & Physiology is a college-preparatory course that will develop study methods that will be beneficial in college, as well as give students a better understanding of their own body and how it works.

ANATOMY AND PHYSIOLOGY II					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4251
Prerequisites:	Anatomy and Physiology I	Notes:	This course is weighted at 1.10		

Anatomy & Physiology II is a course that follows up on Anatomy & Physiology I. It continues with the structure and function of various parts of the human body. Students taking this course will develop the ability to use anatomical language while studying the skeletal, muscular, nervous, lymphatic, circulatory, and sensory systems. Anatomy & Physiology is a college-preparatory course that will develop study methods that will be beneficial in college, as well as give students a better understanding of their own body and how it works.

NUCLEAR SCIENCE					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	4280
Prerequisites:	Environmental Science and Biology	Notes:	None		

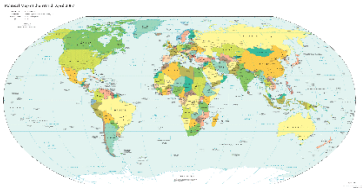
This course will introduce students to the concepts of radiation, history of nuclear science, and uses of nuclear radiation. Topics covered include: what is radiation, medical radiation, nuclear power, nuclear medication, nuclear warfare, the Manhattan project, restrictions and regulations involving radiation.

PHYSICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	4044
Prerequisites:	Algebra I or Honors Algebra I Geometry or Honors Geometry	Notes:	This course will count towards the 3 credits of science required for graduation		

This course is centered around the basic laws of physics, with emphasis on a conceptual understanding of the natural world and the interaction of matter and energy. Topics include force, motion, momentum, energy and gravitation, acceleration, and charge. study of physics emphasizes the interaction of matter and energy, velocity, acceleration, momentum and charge. This course is designed for the student who has demonstrated excellence in science and demands strong math abilities and study habits.

SOCIAL STUDIES

Students are encouraged to take additional courses related to their interest and level of ability in order to assist in the development of their knowledge, reading, writing, oral communication, and thinking skills.



WORLD HISTORY		
Open to Grades: 9, 10, 11, 12	Credit(s): 1	Course Number: 2010
Prerequisites: None.	Notes: None.	

World History is a survey course that gives students the opportunity to explore recurring themes of human experience common to civilizations around the globe from the rise of feudalism to the age of imperialism. Topics of study include religions, the Rise of Europe, the spread of civilization across Asia, the Renaissance and Reformation, the Global Age, Enlightenment and the American Revolution and the growth of Western Democracies.

HONORS WORLD HISTORY		
Open to Grades: 9	Credit(s): 1	Course Number: 2015
Prerequisites: None.	Notes:	Weighted course at 1.10. Placement test required. Teacher recommendation required.

Honors World History provides the opportunity for advanced work, rigorous study of major ideas and concepts found in the study of global history. The course is challenging and requires students to take greater responsibility for their learning by participating in written examples of problem-seeking, problem-solving, scholarly and creative processes, critical analysis and application, and reflective thinking.

U.S. HISTORY		
Open to Grades: 10, 11, 12	Credit(s): 1	Course Number: 2020
Prerequisites: None.	Notes: None.	

U.S. History begins at the turn of the 20th Century with America becoming a World Power, ushering in the Age of Imperialism. Imperialism will be explored as a theme in both World Wars. Students will analyze the post war world through the massive influence of the Cold War Era. The course will force students to synthesize the magnitude of changes brought on by this era in which protests for political and social causes take place. The course in U.S. History will evaluate an increasing divide between American interests in the Middle East and growing anti-American sentiment in the region setting the stage for 9/11---the Attack on America.

HONORS U.S. HISTORY					
Open to Grades:	10, 11, 12	Credit(s):	1	Course Number:	2025
Prerequisites:	None.			Notes:	Weighted course at 1.10. Teacher recommendation required.

Students who are enrolled in this course must have demonstrated the intellectual ability and the necessary study habits to ensure success at a high level. Teachers, counselors, and administrators consider past performance in recommending students for placement in this course. Course requirements are more demanding and instruction is more challenging which requires a significant level of independent study.

AP U.S. HISTORY					
Open to Grades:	10-12	Credit(s):	1	Course Number:	2026
Prerequisites:	None.			Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required.

Advanced Placement United States History focuses on the development of historical thinking skills and the development of students' abilities to think conceptually about U.S. history from approximately 1491 to the present. Seven themes of equal importance—American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society—provide areas of historical inquiry for investigation throughout the course. These require students to reason historically about continuity and change over time and make comparisons among various historical developments in different times and places. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.

AMERICAN GOVERNMENT					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2040
Prerequisites:	None.			Notes:	None.

The course will present the fundamentals of the US government, covering the structure and function of our political systems. Students will investigate the Six Basic Principles of the Constitution on which our government is built as well as how these principles are demonstrated throughout our governmental system. Students will study the foundations of democracy, the three branches of government, political participation and behavior, and more.

AP U.S. GOVERNMENT & POLITICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2042
Prerequisites: None.			Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required. 4. Summer work required.	

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States.
The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Students should be able to read a college level
textbook and write grammatically correct, complete sentences.

AP EUROPEAN HISTORY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2046
Prerequisites: None.			Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation required. 4. Summer work required.	

Advanced Placement European History will equip students for the challenges of history and political science at the college level. This rigorous course is designed to develop the research, critical thinking, and problem solving skills of students. A variety of eras will be studied including the Reformation, Scientific Revolution, the Enlightenment, French Revolution, Age of Napoleon, WWI, & WWII.

INTRODUCTION TO PSYCHOLOGY					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	2103
Prerequisites: None.			Notes: None.		

This course introduces you to the purpose of Psychology and the different Psychological perspectives used in order to study behavior and mental process. A scientific study will then be done using the different methods of psychology to analyze a social trend or observation. The brain and behavior, consciousness, and the concept of learning will finish up the course. The course is intended to be discussion and project based but formal assessments will also be part of the evaluation.

DEVELOPMENTAL PSYCHOLOGY					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	2107
Prerequisites:	None.			Notes:	None.

The first unit of this course covers the human physical, social, and cognitive development from infancy to adulthood. The second unit discusses the many theories of personality that help explain the feelings, motives, and behavior that set people apart from one another. Psychological Disorders is the final unit of this course covering diagnosis, the many types, and the treatment of acute and chronic disorders.

AP PSYCHOLOGY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2105
Prerequisites:	A minimum score of 85% in Developmental Psychology			Notes:	1. This is a virtual course offered through Connexus Learning. 2. Weighted course at 1.25. 3. It is expected that the student will take the AP Exam.

This course is the equivalent of an introductory college course, including an overview of current research methods and theories. Students explore therapies used by professionals and examine the way people learn and think. Human reactions, instincts, aggression, intimacy, altruism, and information retention are also studied. *(Connexus Learning)*

AFRICAN AMERICAN HISTORY					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	2140
Prerequisites:	None.			Notes:	None.

This course focuses on the major contributions and challenges of African Americans in the history of the United States. Areas of interest include: the colonial and early American experience, the Civil War, Reconstruction, segregation and the Jim Crow era, two world wars, the Harlem Renaissance, the Great Depression, desegregation, and the Civil Rights and Black Power movements. The course is currently an elective and does NOT count toward the Social Studies graduation requirement.

INTRODUCTION TO LAW					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	8030
Prerequisites:	None.	Notes:	None		

Students will gain an understanding of the law as it relates to them personally and in the business environment. Students will explore the legal aspects of crimes against people, business, and property, learn about employment law, and analyze the relationship between contract law, law of sales, and consumer law. As consumers, students will look at the legal rules that apply to personal property and real property, as well as the functions of insurance, bankruptcy, marriage contracts, and wills. Case studies, simulations, mock trials, and role plays will be a component of this course.

ANTHROPOLOGY					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	2170
Prerequisites:	None.	Notes:	This is a virtual course.		

Anthropology aims to use a broad approach to gain an understanding of our past, present, and future to address the problems humans face in biological, social, and cultural life. This course will explore the evolution, similarities, and diversity of humankind through time. The course will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting, online videos lead students through journeys to different areas of the world throughout the course. . The course is currently an elective and does NOT count toward the Social Studies graduation requirement. *(Connexus Learning)*

AP HUMAN GEOGRAPHY					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2165
Prerequisites:	None.	Notes:	1. This is a virtual course offered through Connexus Learning. 2. Weighted course at 1.25. 3. It is expected that the student will take the AP Exam.		

This course is designed to provide college-level instruction on the patterns and processes that impact the way humans understand, use, and change Earth's surface. The student will use geographic models, methods, and tools to examine human social organization and its effect on the world. The student will also use maps and geographical data to examine spatial patterns and analyze the changing interConnexus among people and places. *(Connexus Learning)*

AP MACROECONOMICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2180
Prerequisites:	Economics	Notes:	1. This is a virtual course offered through Connexus Learning. 2. Weighted course at 1.25. 3. It is expected that the student will take the AP Exam.		

AP Macroeconomics presents the principles of economics that apply to an economic system as a whole. Students will distinguish between absolute and comparative advantage, explore the way the tools of supply and demand are used to analyze how a free-market economy works, and study the concept of a business cycle. In addition, students will study and analyze economic fluctuations, the dynamics of unemployment, and inflation. *(Connexus Learning)*

AP MICROECONOMICS					
Open to Grades:	11-12	Credit(s):	1	Course Number:	2185
Prerequisites:	Economics	Notes:	1. This is a virtual course offered through Connexus Learning. 2. Weighted course at 1.25. 3. It is expected that the student will take the AP Exam.		

Microeconomics emphasizes how individuals make choices with limited resources. The student will examine concepts such as supply and demand, factors of production, roles of labor and management, the relationship between the environment and the economy, and the impact of the government on individual decision making processes. The student studies the stock market as an investment option and trace various stocks through the semester using the Wall Street Journal and the Internet as resources.
(Connexus Learning)

SPORTS & ENTERTAINMENT MARKETING

Sports and Entertainment Marketing introduces the student to the marketing and management function and tasks that can be applied in the field of marketing. Participation in this program includes extensive leadership and presentation experience through participation in DECA, a national marketing education organization for high school students. Level III students may be eligible for a capstone internship in the field of marketing where they will be paired with an approved local business to practice skills. Articulation agreements exist for high achieving students desiring to pursue the study of marketing at the post-secondary level. Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.

SPORTS AND ENTERTAINMENT MARKETING I					
Open to Grades:	10-12	Credit(s):	.50	Course Number:	8201
Prerequisites:	None.		Notes:	This course is required for the Marketing Program.	

This course is designed to introduce students to the field of sports and entertainment marketing. Topics include consumer motivation, selling and buying functions, personal selling, inventory control, management functions, and distribution and government regulations in the role of marketing. Students in the marketing program will be enrolled in DECA, a national marketing education organization for high school students. Students can earn money for DECA events by working in the school store before and after school.

SPORTS AND ENTERTAINMENT MARKETING II					
Open to Grades:	11-12	Credit(s):	2	Course Number:	8202
Prerequisites:	Sports and Entertainment Marketing I.		Notes:	This course is required for the Sports and Entertainment Marketing Program.	

This course allows students to apply hands-on skills within a school based business. Students will rotate through a series of jobs associated with operating the school store. Students will learn all aspects of business operations. Job categories include marketing and promotion, accounting, product development, store management, inventory control, and vendor relations. Students will design and produce marketing materials that are needed for clubs and sports in the high school, as well as local businesses in the Pottstown community. Students may compete in the school based enterprise certification event at DECA and participate in virtual business, a computer based business simulation. Students in the marketing program are required to enroll in DECA, a national marketing education organization for high school students, for a nominal fee. Student s may opt to compete in DECA competition events. Students can earn money for DECA events by working in the school store before and after school.

SPORTS AND ENTERTAINMENT MARKETING III					
Open to Grades:	12	Credit(s):	4	Course Number:	8206
Prerequisites:	Sports and Entertainment Marketing II.	Notes:	1. This course is required for the Sports and Entertainment Marketing. 2. Weighted course at 1.025		

This weighted course utilizes the marketing and advertising skills they learned in previous courses to develop a marketing portfolio. Students will design and produce marketing materials that are needed for clubs and sports in the high school. They will also produce material for local businesses in the Pottstown community. Students will learn basic functions of Adobe In-Design program form print advertising layout. Level III students may be eligible for a capstone internships in the field of marketing where they will be paired with an approved local business to practice skills learned in class. High achieving students will graduate with a PA Skills Certificate. Articulation agreements also exist for high achieving students desiring to pursue marketing studies at the post-secondary level. **Students receiving a score of Advanced on the National Occupational Competency Institute (NOCTI) examination will receive a minimum of 9 college credits at participating post-secondary institutes through the PA SOAR program.**

STEAM (SCIENCE, TECHNOLOGY, ENGINEERING, ARTS, MATH)

STEAM courses are interdisciplinary courses designed to apply concepts in science, technology, engineering, the arts, and math. Located in this section are courses not included elsewhere.

ROBOTICS I					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4310
Prerequisites:	None.			Notes:	Students are required to attend after school meetings to prepare robots for competition

Students considering a career in engineering, design, robotics, or any other STEM related field will benefit from the experiential learning of this robotics course. This course utilizes the computer programming language of RobotC, a variant of the C language, to program both virtual and physical robots to perform a variety of tasks. The course blends both the programming aspect of robotics with the engineering concepts necessary to build both autonomous and driver-controlled robots utilizing Tetrix components. The programming aspect relies heavily on the concepts of loops, if-then logic, and logical pseudo-code. The engineering concepts apply knowledge of speed, power, torque, DC motors, gear ratio and reduction, drive train and manipulator design. Students enrolled in this course are eligible to participate in regional robotics competitions (such as FTC, BEST, BotBall, SeaPerch, and National Underwater Robotics Challenges) which are held outside the normal school day.

ROBOTICS II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4311
Prerequisites:	Robotics I.			Notes:	Students are required to attend after school meetings to prepare robots for competition

This course continues the mastery of the concepts from Robotics I including coding, power delivery/gearing, use of sensors, and problem solving design. Students enrolled in this course are expected to participate in regional robotics competitions (such as FTC, BEST, BotBall, SeaPerch, and National Underwater Robotics Challenges) which are held outside the normal school day. Robotics II students will mentor other Robotics I students as they take on more responsibility as project leaders. The engineering design/testing/fabrication process as well as industry-expected professionalism will be utilized and expected.

INTRODUCTION TO COMPUTER SCIENCE					
Open to Grades:	10-12	Credit(s):	1	Course Number:	3121
Prerequisites:	Algebra I or Honors Algebra I.	Notes:	None		

This course introduces programming via the Scratch programming language and then extends the concepts learned to JAVA. JAVA has been adopted by business and industry as an easy to use alternative to the language C++. Therefore, students will be learning a language that is directly applicable to many careers. In learning to program a computer, students will learn how to analyze a problem carefully and break it down into manageable parts before writing an actual program. This problem solving technique is applicable to all fields of study. This course is highly recommended for any student wishing to pursue the Mathematics/Science fields of study in college but will also enhance all students' problem solving skills. Concepts covered include basic computer concepts, variables, loops, if-then statements, input/output methods, graphics, and arrays.

AP COMPUTER SCIENCE					
Open to Grades:	11-12	Credit(s):	1	Course Number:	3123
Prerequisites:	Intro to Computer. Science	Notes:	1. Weighted course at 1.25. 2. It is expected that the student will take the AP Exam. 3. Teacher recommendation is required.		

AP Computer Science is equivalent to a first-semester, college level course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using Java language.
These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The AP Computer Science A course curriculum is compatible with many CS1 courses in colleges and universities.

AP COMPUTER SCIENCE PRINCIPLES					
Open to Grades:	10-12	Credit(s):	1	Course Number: :	8060
Prerequisites:	Algebra I or Honors Algebra I	Notes:	Weighted course at 1.25		

This unique AP course encourages students to be creative in developing computational artifacts. Students will design and implement innovative solutions utilizing computer technologies. Students will create their own computational artifacts which may be a cell phone app, computer application, or game. Knowledge of a specific computational languages is not a prerequisite or focus of this course.

WEB DESIGN					
Open to Grades:	10-12	Credit(s):	1	Course Number:	4330
Prerequisites:	Computer Applications	Notes:	None.		

This course is designed to introduce the elements involved in designing Web pages using HTML and graphics. Students will learn about the technologies that support the World Wide Web, discover the principles of page layout, and use various web authoring software applications to create web pages.

DIGITAL MEDIA I					
Open to Grades:	9-12	Credit(s):	1	Course Number:	1122
Prerequisites:	None.	Notes:	None		

This entry level course is designed for students who desire to work with audio, video, web, and other multimedia equipment in an interactive manner. Students will be expected to learn about shot-setting, cropping, panning, and other video techniques, as well as help perform the morning announcements and record major school functions. Emphasis will be on the technical, "behind the scenes" skills required to run a TV studio. Students will be required to report early to school as a part of their grade if needed for morning announcements.

DIGITAL MEDIA II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	1124
Prerequisites:	Digital Media I	Notes:	None This course can be taken multiple times for credit		

This second level course is designed for students who desire to work with audio, video, web, and other multimedia equipment in an interactive manner at a deeper level. Students will be expected to learn about shot-setting, cropping, panning, and other video techniques, as well as help perform the morning announcements and record major school functions. Emphasis will be on the technical, "behind the scenes" skills required to run a TV studio. Students will be required to report early to school as a part of their grade if needed for morning announcements.

VISUAL ARTS

These elective courses are designed to challenge the intellectual, creative, and expressive powers of each student. Students planning a career in the art field are encouraged to complete the art major curriculum.

FOUNDATIONS IN ART					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7010
Prerequisites:	None.			Notes:	This course may not be repeated.

This course is designed for the non-art major. Students in this art course will use a variety of media and techniques to create original works of art. A firm foundation in the basic art concepts of drawing, design, composition and color will be covered through a variety of interesting projects. Media will include, pencil, charcoal, colored pencil and watercolor painting. This class is considered the "starting point: for all senior high art classes. Combining techniques learned from art of the past with challenging classroom assignments, the students will experience new opportunities for creativity.

COLOR AND DESIGN I					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7015
Prerequisites:	Foundations in Art.			Notes:	None.

This course is a continuation of Foundation in Art. Various media such as pastels, acrylic paint, oil paint, conte' crayon, etc. will be used to create original and interesting artworks based on the Elements and Principles of design. Combining techniques learned in Foundations in Art with challenging classroom assignments, the students will experience new opportunities for creativity. Students interested in improving art skills for personal enrichment and students will career goals in the arts will find this foundations course a valuable background for future art experiences.

COLOR AND DESIGN II					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	7020
Prerequisites:	Color and Design I.			Notes:	None.

This course is a continuation of Color and Design 1. It is an opportunity for students to build on creative skills and knowledge gained in previous visual arts classes. More advanced projects with and emphasis on individual creativity will be offered. This course is designed to meet the needs of students with above average art abilities who combine a desire to create art with a serious desire to pursue the academic study of art and its historical significance.

3D DESIGN & CRAFTS I					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7025
Prerequisites:	None	Notes:	None.		

This course covers the distinctive nature of 3 Dimensional Design and Crafts. It will also introduce students to international cultures, history and folk arts. Students will create works of art in different mediums that reflect historical as well as multicultural themes. Students will explore and practice art fundamentals while learning technical skills in various 3 Dimensional Arts and Crafts.

3D DESIGN & CRAFTS II					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	7040
Prerequisites:	3D Design & Crafts I	Notes:	None.		

This visual arts course is designed for the student who is interested in creating works of sculpture using various mediums. Ceramics, Fashion Design, Jewelry and Crafts will be explored. Students will create original art projects, critique artworks and discuss aesthetics using the Elements and Principles of Art.

PRINTMAKING					
Open to Grades:	9-12	Credit(s):	.5	Course Number:	7160
Prerequisites:	None	Notes:	None		

This course covers the distinctive nature of Printmaking including tools, inks, paper, plate preparation, registration and printing processes. The goal is for students to gain the skills and confidence to produce multiple images by hand printing while exploring personal visual expression. Hand printmaking techniques will engage the student with problem solving in drawing, design and color.

GRAPHIC DESIGN I					
Open to Grades:	9-12	Credit(s):	1	Course Number:	8200
Prerequisites:	None	Notes:	None		

This elective course is designed to introduce students to basic computer graphics using various software platforms. Students will be introduced to the Adobe CS 4 Suite as well as Paint and Publisher Elements and Principles of Art will be emphasized. Basic concepts common to the fields of advertising design, graphic design and illustration will be explored.

GRAPHIC DESIGN II					
Open to Grades:	10-12	Credit(s):	1	Course Number:	7142
Prerequisite:	Graphic Design I			Notes:	None

This elective course is designed to for students to continue their computer graphics education using Adobe Creative Suite 4. Students will build on previous skills learned previous art classes by applying the elements and principles of design to create original images on the computer. This course will challenge students to solve creative problems using Adobe Photoshop and Illustrator. This course is recommended for students with an interest in a career in the visual arts including commercial art, photography, communications, animation, architecture, web design, fashion design and interior design and illustration. Units of study will include illustration, logo design, layout and package design.

ART MAJOR - FALL					
Open to Grades:	10-12	Credit(s):	1	Course Number:	7150
Prerequisites:	1. Foundations in Art. 2. Color & Design I 3. Color & Design II 4. Teacher Recommendation			Notes:	Students may repeat this course multiple times. This course meets daily for one semester. If you want this course all year, you must sign up for Fall and Spring

Art Major is designed for students with an interest in continuing their visual arts education using a variety of mediums in both 2 Dimensional and 3 Dimensional projects. Students will focus on individualized expression creating projects that focus on the student's interests and career aspirations. Portfolios will be developed for use in Technical School and/or College Applications. Students electing this course must be a serious art student with above average talent. This course should be taken by any students considering a career in the visual arts such as commercial art, photography, communications, animation, architecture, web design, fashion design and interior design.

ART MAJOR - SPRING					
Open to Grades:	10-12	Credit(s):	1	Course Number:	7152
Prerequisites:	1. Foundations in Art. 2. Color & Design I 3. Color & Design II 4. Teacher Recommendation			Notes:	Students may repeat this course multiple times. This course meets daily for one semester. If you want this course all year, you must sign up for Fall and Spring

Art Major is designed for students with an interest in continuing their visual arts education using a variety of mediums in both 2 Dimensional and 3 Dimensional projects. Students will focus on individualized expression creating projects that focus on the student's interests and career aspirations. Portfolios will be developed for use in Technical School and/or College Applications. Students electing this course must be a serious art student with above average talent. This course should be taken by any students considering a career in the visual arts such as commercial art, photography, communications, animation, architecture, web design, fashion design and interior design.

WELLNESS

INTRODUCTION TO WELLNESS					
Open to Grades:	9	Credit(s):	.5	Course Number:	7433
Prerequisites:	None.	Notes:	None.		

This course must be taken by all 9th grade students and incorporates both health and physical education components. The physical education component concentrates on physical fitness and sports efficiency, including individual and team activities. This portion of the course also stresses safety skills, sportsmanship, and strategy of games. Students are encouraged to develop and maintain a life-long fitness program. In the health portion of class topics of self-esteem, emotional health, stress, peer pressure, healthcare, aging, grief, and death will be covered. Students are required to change into athletic attire and sneakers for the physical education portion of the class.

WELLNESS II					
Open to Grades:	10,11,12	Credit(s):	.5	Course Number:	7432
Prerequisites:	Introduction to Wellness	Notes:	None.		

These courses will run on an every other year schedule and must be taken by all students. Each course will include both a health and physical education component. The physical education component will concentrate on physical fitness and sports efficiency, including individual and team activities. Students are encouraged to develop and maintain a life-long fitness program. Wellness II will cover topics of alcohol and drugs, immune system, male and female reproductive systems, STDs and contraceptives. This course encompasses lifetime preventative health. Students are required to change into athletic attire and sneakers for the physical education portion of the class.

CONTRACT PHYSICAL EDUCATION					
Open to Grades:	12	Credit(s):	.5	Course Number:	7440
Prerequisites:	Introduction to Wellness Wellness I, Wellness II	Notes:	None This course cannot replace Wellness I or Wellness II		

Senior students may take Contract Physical Education. Contract Physical Education must be a physical activity completed in an organized setting such as a school sport or activity, organized travel teams or outside teams that are run by a coach(es), martial arts, etc. Students are required to complete a contract, which identifies a 40-hour fitness activity to meet their physical education requirement. Students complete the activity during after-school hours. They will be required to turn in a goal sheet, documentation of hours, and a reflection throughout the semester. Students must have evidence documenting their completed hours.

STRENGTH AND CONDITIONING					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	7450
Prerequisites:	None	Notes:	This course may be taken multiple times. This course cannot replace Wellness I or Wellness II		

Students will learn about the principles of exercise science including, proper warm-up and cool-down methods, exercise testing, spotting procedures, muscle groups, and proper exercise techniques. Students will design and participate in an individualized conditioning program including resistance training and aerobic exercise. Students are required to change into athletic attire and sneakers.

STRENGTH AND CONDITIONING FOR ATHLETES					
Open to Grades:	10-12	Credit(s):	.5	Course Number:	7452
Prerequisites:	Coach's or Co-Curricular Director's sign off Participation in PHS sport(s)	Notes:	This course may be taken multiple times.		

This course is designed for student athletes to allow for physical education time geared specifically towards strength and conditioning. Only students who have participated in at least one organized, PIAA sport offered at Pottstown High School are eligible for this course. In order to participate in this course, a student must have a coaches signature of recommendation.

Notice of Special Education Services

Notice to Parents

According to state and federal special education regulations, annual public notice to parents of children who reside within a school district is required regarding child find responsibilities. School districts (SDs), intermediate units (IUs) and charter schools (CSs) are required to conduct child find activities for children who may be eligible for services via Section 504 of the Rehabilitation Act of 1973. For additional information related to Section 504/Chapter 15 services, the parent may refer to Section 504, Chapter 15, and the Basic Education Circular entitled Implementation of Chapter 15. Also, school districts are required to conduct child find activities for children who may be eligible for gifted services via 22 Pa Code Chapter 16. For additional information regarding gifted services, the parent may refer to 22 PA Code Chapter 16. If a student is both gifted and eligible for Special Education, the procedures in IDEA and Chapter 14 shall take precedence.

This notice shall inform parents throughout the school district, intermediate unit, and charter school of the child identification activities and of the procedures followed to ensure confidentiality of information pertaining to students with disabilities or eligible young children. In addition to this public notice, each school district, intermediate unit, and charter school shall publish written information in the handbook and on the web site. Children ages three through twenty one can be eligible for special education programs and services. If parents believe that the child may be eligible for special education, the parent should contact the appropriate staff member identified at the end of this public notice.

Children age three through the age of admission to first grade are also eligible if they have developmental delays and, as a result, need Special Education and related services. Developmental delay is defined as a child who is less than the age of beginners and at least 3 years of age and is considered to have a developmental delay when one of the following exists: (i) The child's score, on a developmental assessment device, on an assessment instrument which yields a score in months, indicates that the child is delayed by 25% of the child's chronological age in one or more developmental areas. (ii) The child is delayed in one or more of the developmental areas, as documented by test performance of 1.5 standard deviations below the mean on standardized tests. Developmental areas include cognitive, communicative, physical, social/emotional and self-help.
For additional information you may contact Montgomery County Intermediate Unit, Early Intervention Services, 2 West Lafayette Street, Norristown, PA 19401. The telephone number for the Early Intervention Program is (484) 685-1856.

Evaluation Process

Each school district, intermediate unit, and charter school has a procedure in place by which parents can request an evaluation. For information about procedures applicable to your child, contact the school, which your child attends. Telephone numbers and addresses can be found at the end of this notice. Parents of preschool age children, age three through five, may request an evaluation in writing by addressing a letter to the intermediate unit staff at Montgomery County Intermediate Unit, Early Intervention Services, 2 West Lafayette Street, Norristown, PA 19401. The telephone number for the Early Intervention Program is (484) 685-1856.

Consent

School entities cannot proceed with an evaluation, or with the initial provision of special education and related services, without the written consent of the parents. For additional information related to consent, please refer the Procedural Safeguards Notice which can be found at the PaTTAN website, www.Pattan.net.

Once written parental consent is obtained, the district will proceed with the evaluation process. If the parent disagrees with the evaluation, the parent can request an independent education evaluation at public expense.

Program Development
Once the evaluation process is completed, a team of qualified professional and parents determine whether the child is eligible. If the child is eligible, the individualized education program team meets, develops the program, and determines the educational placement. Once the IEP team develops the program and determines the educational placement, school district staff, intermediate unit staff, or charter school staff will issue a notice of recommended educational placement/prior written notice. Your written consent is required before initial services can be provided. The parent has the right to revoke consent after initial placement.

Confidentiality of Information:
The SDs, IUs and CSs maintain records concerning all children enrolled in the school, including students with disabilities. All records are maintained in the strictest confidentiality. Your consent, or consent of an eligible child who has reached the age of majority under State law, must be obtained before personally identifiable information is released, except as permitted under the Family Education Rights and Privacy Act (FERPA). The age of majority in Pennsylvania is 21. Each participating agency must protect the confidentiality of personally identifiable information at collection, storage, disclosure, and destruction stages. One official at each participating agency must assume responsibility for ensuring the confidentiality of any personally identifiable information. Each participating agency must maintain, for public inspection, a current listing of the names and positions of those employees within the agency who have access to personally identifiable information.

For additional information related to student records, the parent can refer to the Family Education Rights and Privacy Act (FERPA).

This notice is only a summary of the Special Education services, evaluation and screening activities, and rights and protections pertaining to children with disabilities, children thought to be disabled, and their parents. For more information or to request evaluation or screening of a public or private school child contact the responsible school entity listed below. For preschool age children, information, screenings and evaluations requested, may be obtained by contacting the Intermediate Unit. The addresses of these schools are as follows:

Pottstown School District
Dr. LaTanya White
Director of Student Services
230 Beech Street
Pottstown, PA 19464
(610) 970-6615

Montgomery County Intermediate Unit

Early Intervention Services
2 West Lafayette Street
Norristown, PA 19401
(484) 685-1856