

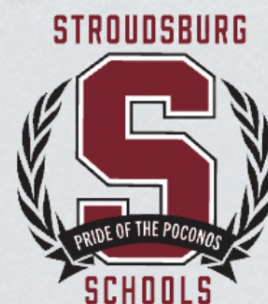


PROGRAM OF STUDY

STROUDSBURG AREA SCHOOL DISTRICT

2024-2025

Grades 8th-12th



Cover designed by: Lindsey Pelaez & Shiloh Wilson

STROUDSBURG PROGRAM OF STUDY

2024-2025

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Stroudsburg Area School District Equal Opportunity (Nondiscrimination) Policy

The Stroudsburg Area School District is an equal opportunity education institution and will not discriminate on the basis of race, color, gender, national origin, and handicap in its activities, programs, or employment practices as required by Title VI, VII, and IX, and Section 504.

For information regarding civil rights or grievance procedures, contact Laura Connolly, Assistant Superintendent, 503/504 Title IX - Title VI Coordinator, at 123 Linden Street, Stroudsburg, PA 18360. Phone: (570) 421-1990. For information regarding services, activities, and facilities that are accessible to and usable by handicapped persons, contact Laura Connolly, Assistant Superintendent, at (570) 421-1990.

Stroudsburg High School

111 West Main Street
Stroudsburg, PA 18360
Phone (570) 421-1991 Fax (570) 424-1383

Jeffrey Sodl	Principal
Thomas Burke	Assistant Principal
Christine Gangaware	Assistant Principal
Daniel Romberger	Assistant Principal
Theresa Onody	Counselor for students A through Di
Nadine Cali	Counselor for students Dj through Li
Jean Dunback-Costanzi	Counselor for students Lj through Re
William Kunkel	Counselor for students Ri through Z
Sean Richmond	Director of Athletics and Student Activities

Stroudsburg Junior High School

1901 Chipperfield Drive
Stroudsburg, PA 18360
Phone (570) 424-4848 Fax (570) 424-4839

Lawrence Larthey	Principal
Mark Getz	Assistant Principal
Dan Williams	Assistant Principal
Samantha McCullough	Counselor for students A through F
Eric Stinson	Counselor for students G though N
Alexandra Moucha	Counselor for students O through Z

Mission

To empower all students in an effective pursuit of knowledge.

Vision

To educate all students to become self-directed learners who think critically, collaborate willingly, solve problems strategically, communicate effectively, make informed decisions, and positively contribute to their profession, their community, and the larger society.

Keystone Exam Proficiency and Graduation Pathways Summary

The information below and the course requirement chart on the following pages outline the local and state graduation requirements. Keystone Exams will be administered after the completion of the Keystone related course. Beginning with the graduating class of 2023, in addition to earning 23.50 credits, students must demonstrate proficiency through one of five graduation pathways to qualify for a high school diploma. Details about each pathway listed below will be discussed with students by school counselors and/or school administrators and illustrated in the Act 158 Graduation Pathways Flowchart on the final pages of this book. The pathways for graduation fall into five categories:

1. Keystone Proficiency Pathway
2. Keystone Composite Score Pathway
3. Alternate Assessment Pathway
4. Evidence-Based Pathway
5. Career and Technical Education Pathway

The Pennsylvania Department of Education website, www.education.pa.gov, has helpful links regarding PA Learning Standards, Keystone Exams, and other school-related topics.

NOTE: See the final pages of this document for the Act 158 Graduation Pathways Flowchart.

Stroudsburg Area School District Graduation Requirements

To meet the graduation requirements, you must successfully complete the course sequence in English, mathematics, science, social studies, health, physical education, STEAM Systems, This is Your Life, and Career Planning; 23.50 credits are required for graduation. You must schedule 6.50 credits per school year, not to exceed 8 credits.

Course Planning Chart

This course planning chart is being provided to help you outline your past, present, and future course selections from grades 9 through 12 in preparation for meeting the graduation requirements. Completing this chart will assist you and your family in understanding the sequence of courses needed to accomplish your academic and career planning goals. You may earn up to 8.0 credits per year. Be sure to check the credit value of every course when making your decisions.

	Grade 9	Grade 10	Grade 11	Grade 12
English 4 credits required for graduation				
Social Studies 3 credits required for graduation				
Mathematics 4 credits required for graduation				
Science 4 credits required for graduation				
Physical Education 1 credit required for graduation	Phys. Ed. 0.25 Credit	Phys. Ed. 0.25 Credit	Phys. Ed. 0.25 Credit	Phys. Ed. 0.25 Credit
Quarter Credit Requirements		Health 0.25 credit		
Quarter Credit Requirements		STEAM Systems 0.25 credit		
Quarter Credit Requirements	This is Your Life! 0.25 credit	Career Planning 0.25 credit		
Arts/Humanities 2 credits required for graduation				
Electives (Need a minimum of 4.5 credits)				

See the information below for further explanation:

1. Math course sequence will vary depending on your needs.
2. Physical Education and Health: 1.25 credits are required for graduation. Physical Education is taken each school year for .25 credit, and Health is required to be taken for one semester during grades 10, 11, or 12.
3. Arts and Humanities: You are required to take at least 2.0 credits in elective courses from the following departments: Art, English, Family & Consumer Science, Music, Social Studies, Technology, and World Languages during your 9-12 academic career.
4. Career Planning and STEAM Systems are required for graduation. If you attend MCTI and complete your program area, you are not required to take STEAM Systems. In addition, if you take a technology or engineering class in 9th or 10th grade, you are exempt from STEAM Systems.
5. The STEAM Systems requirement will be waived if you have taken a STEAM related elective. Such electives are noted in the electives table {*STEAM*}.
6. If you attend MCTI for three years, you are also waived from taking an additional science class.

Scheduling Instructions

The Stroudsburg Area School District Program of Study is distributed each spring to provide you with the most up-to-date information regarding your graduation requirements and scheduling your classes for the next school year. The course descriptions included should be carefully reviewed before making your selection. You must carefully consider what courses and curricular levels you choose to get the most out of your high school education. In addition, these decisions should be a joint effort involving you and your parents/guardians. An individual counseling session will be scheduled for every high school student. This counseling session will allow you to speak privately with your counselor about selecting appropriate courses for your post-secondary plans, including career and college planning, and discuss your course selection relating to your future post-secondary goals. The school finalizes your course schedule and placement based on your current academic and classroom performance. Administration and school counselors will do everything possible to schedule you into the courses you have selected, but the master schedule construction may dictate alternate course selections. Finally, you must complete all necessary forms and return any paperwork with the required signatures to finalize the scheduling process.

How to use the Program of Study (POS):

As you begin your journey to find a career, it is beneficial to use all of your resources. One of the best resources you have is in your hand, and it is the Program of Study (POS). The Program of Study is available to help you and your family make the most informed decisions regarding your high school classes and schedule for each school year. To begin:

1. Familiarize yourself with the POS and each of the different sections.
2. Review the SASD graduation requirements.
3. Spend some time reviewing each of the clusters (1 to 5).
4. Determine which cluster(s) you are most interested in and note the cluster number (#).
5. Now, look at all the electives divided by departments set up in a grid format.
6. Each elective contains information about the course number, the course description page number, the course's grade span (indicated by the "x" in each column), and the cluster #, which suggests if the elective corresponds with particular clusters.
7. Once you review this information, you can move on to the next section, where all the course explanations correspond with the pages on the elective grid.
8. Please make sure you also review the Monroe Career and Technical Institute (MCTI) section, which explains the available program areas.
9. The last section is for 8th-grade students at the Junior High School and all of their curricular offerings.

10. Page 3 is where you will find the Course Planning Chart, where you and your family can plan your classes for the next few years. This chart serves as a guide to help you plan.

Online Instructions for Scheduling

Student Scheduling on the Parent Portal will be open for a specified period during the spring. In order to complete the course selection process successfully, please have the following information in front of you as you begin:

- The current Program of Study
- Your most recent report card

Web Portal Instructions

- Connect to the Internet and locate the District Web Page at www.sburg.org.
- On the toolbar, go to Students and then to Community Web Portal.
- Using your parent/student portal information, enter your username (student ID) and password in the appropriate section and log in.
- Your name will appear at the top of the screen. Be sure it is correct.
- Locate your name and click on it.
- Click on the course request tab.
- Follow the remaining directions on the screen.

Policy on Program Changes

A program selected after careful study and consultation between you, your parents/guardians, teachers, and counselor should require no significant changes. The "Course Selection" form is a contract between you and your school. The school will attempt to ensure that you get the courses you select. If you wish to initiate an elective change in your original course requests, you shall do so before the end of the current school year. You may not drop a class to take a core or elective study hall. Once the school year begins, only changes to core classes are permitted, specifically only the level of that course. Changes for these courses can only occur before the end of the first marking period; any change after that will result in a withdrawal/failure from the course and be subject to availability and other criteria outlined in the Student Handbook.

Course Level Waivers

Recommendations for Honors, Advanced Placement, College Prep, Core, and Workshop level classes are made based on classroom and academic performance and review of standardized test scores (STAR, CDTs, Keystones, etc.). If you do not receive a recommendation for a particular level, you may choose to sign a Course Waiver. You should request a waiver form from the school counselor to obtain a change in the level of a course not recommended by the department. The school's course drop policy requires that you remain in the class(es) chosen until completed. However, should it be determined that it is in your best interest to drop the course, you will meet with your assigned school counselor to request a schedule change. Dropping a course for a study hall is not permitted. All requested changes will depend on the newly selected course availability and the principal's approval. If you receive permission through administration to drop the class, you will receive a failing grade and will be recorded on your report card and transcript as a WF (withdrawal fail). Exceptions to this WF rule may be appealed directly to the principal. Any waivers submitted to the guidance office within the scheduling window (see due date on the Waiver Form) will be admitted to the class. Those submitted past the due date are subject to course availability.

Dual Enrollment

If, during your senior year, you wish to pursue college courses while enrolled in high school, you must complete an application requesting permission. Application information is available through the college that the student is interested in attending. You are required to submit a letter from your parent(s)/guardian(s) indicating their support, approval, and understanding of the costs involved including transportation and tuition at the time of application. The request must be

approved by the principal. The school district will not be responsible for any costs involved in this pursuit. You can earn up to a total of eight (8) credits per school year. All courses taken at the high school will receive credit as outlined in the student handbook. If you are requesting to take college courses, you must exhaust the academic offerings of the high school and no substitutions for required courses can be made. College courses do not count as credit towards GPA and class rank. One high school elective credit may be granted with prior approval from the building principal for each three-credit college course successfully completed. It is your responsibility to make sure an official transcript from the college is issued to the post-secondary schools you are applying to attend. Approval of classes that you want to take in person at college during school hours is dependent on high school classes in which you are planning to be enrolled.

Early Graduation and Compressed Scheduling

With administrative approval, you may request early graduation/compressed scheduling under the following conditions:

- All graduation requirements must be met according to the Program of Study.
- Scheduling is contingent upon course availability. Independent study may not be substituted for a required course.
- Class rank will be frozen at the conclusion of the sophomore year. (Note: for college admissions purposes, your class rank will be sent to the college as it existed at the end of the sophomore year with a notation attached to the high school transcript indicating why that condition exists.)
- Early graduation eliminates eligibility for valedictorian or salutatorian.
- A letter signed by your parent or guardian must be turned in to the guidance office, which states you are aware of the above conditions associated with early graduation before the compressed scheduling can occur.

Academic Programs

Advanced Placement Program

The Advanced Placement (AP) Program is an internationally recognized program of specific courses and curriculum sponsored through the College Board. These college-level courses prepare you to take the Advanced Placement Exams which can lead to advanced standing in college and college credit. The AP Program allows you to experience college-level work in high school and gain valuable study habits. An AP course enables you to gain academic maturity and readiness for college. You should expect additional daily reading and/or practice assignments with all AP level courses. Stroudsburg High School offers many demanding AP courses in English, Social Studies, Mathematics, Science, Music, and Art that are primarily offered to juniors and seniors. AP course choices are listed in the Elective Course Chart and described in departmental course descriptions. For additional information on the Advanced Placement Program, visit the following College Board site:

<http://www.collegeboard.com/student/testing/ap/about.html>.

Honors Program

The Honors (H) Program is a program designed to prepare you to continue your education after high school. Students enrolled in honors courses are held to high standards of excellence. These courses require that you develop higher than usual critical thinking and problem-solving skills. The Honors courses require more independent learning and include more long-term assignments. Class participation and grading expectations are higher. This is accomplished with a well-planned and appropriate curricular program that is realistic as well as challenging.

College Preparatory Program

The College Preparatory (CP) Program will prepare students to demonstrate mastery of all graduation standards through both theoretical and practical applications. This program will stress the discovery of scientific principles, the development of mathematical proofs, the rationale of literary criticism, and the understanding of principles of the social sciences. The College Preparatory program is designed to prepare students to enter a post-secondary education.

Core Program

The Core Program will prepare students to demonstrate mastery of all graduation standards. In this curriculum, students will be asked to use their knowledge to solve real and/or simulated problems. Hands-on applications in science, mathematics, English language arts, and problem solving will be emphasized. This program will prepare students to enter post-secondary schools, the military, or the workforce.

Workshop Program

The Workshop Program is designed for you to meet success in your curricular offerings. It is provided with modified coursework to meet graduation requirements.

NOTE: All students are required to demonstrate proficiency in state-developed Keystone Exams to meet graduation requirements, regardless of the academic program, as prescribed by the Pennsylvania Department of Education.

College Entrance Exams

If you wish to take the SAT or ACT exam, you must register online for these exams in the spring of your junior year. Stroudsburg High School is not an approved test site for either exam.

- For the SAT, go to <https://satsuite.collegeboard.org/sat/registration>
- For the ACT go to www.actstudent.org

The Stroudsburg High School code for both exams and all college applications is 394715.

Every October, Stroudsburg High School encourages juniors to take the PSAT (practice SAT). Interested sophomores are also eligible to take the PSAT. Stroudsburg High School is an approved site for the PSAT only. Registration is completed in person in the High School guidance office.

NCAA Student-Athlete Eligibility

If you are seeking to participate in college-level athletics, you must meet academic eligibility requirements established by the National Collegiate Athletic Association (NCAA). Because recent changes have been implemented for Divisions I and II colleges and universities, you need to be aware of the classes you choose to fulfill eligibility requirements. As a student-athlete, the NCAA and college admission professionals expect you to compare your course selections and high school transcript to the NCAA requirements. A worksheet to assist you and your parents with eligibility requirements is available on the NCAA website: www.ncaa.org. This site also includes the link to register with the NCAA in your junior year of high school. This Program of Study indicates which Stroudsburg Area School District core courses count towards NCAA eligibility. However, the NCAA retains the right to make changes to the approved list at any time without advanced notification. The courses that may count toward NCAA eligibility and clearinghouse are noted in the course title as NCAA. Any students in alternative programming including MCTI should communicate with guidance regarding meeting NCAA eligibility requirements.

Co-curricular Athletics and Activities

As a Stroudsburg Area School District student, you can participate in a broad range of co-curricular activities. Participation in athletics and activities fosters personal development, enriches your high school experience, and is an extension of the educational program in the Stroudsburg Area School District. You learn essential lessons such as good sportsmanship, teamwork, time management, and the establishment of a work ethic. Athletics and activities also help you build self-esteem, self-discipline, and responsibility that help to foster the skills for success after graduation. Research has shown that students involved in co-curricular activities tend to have higher grades, fewer discipline problems, and better attendance. You are strongly encouraged to become involved in one or more of the many opportunities offered in athletics and activities. Contact the Guidance Office or the Athletics and Activities Office for the most up-to-date information.

Sports Offered:

Fall	Winter	Spring
Cheerleading Boys' Cross Country Girls' Cross Country Field Hockey Football Golf Boys' Soccer Girls' Soccer Girls' Tennis Girls' Volleyball	Boys' Basketball Girls' Basketball Cheerleading Boys' Swimming Girls' Swimming Wrestling Rifle	Baseball Softball Boys' Tennis Boys' Track & Field Girls' Track & Field

Activities & Organizations Offered:

High School	Junior High School
Academic Support Acceptance Project Aavidum Art Club Band Best Buddies Book Club Chamber Orchestra Chess Team Chorale Color Guard Common Community Connections DE & I Diversity GSA Dungeons and Dragons Club Environmental Conservation Club Esports Fitness Club Future Business Leaders of America Future Educators Health Sciences Club Hiking Club Interact Club Jazz Band Junior Class Key Club Magic Club Marching Band Math Club Mini-Thon Mock Trial	Aavidum Building Buddies Chamber Orchestra Crafts Club Cross Country DE & I Future Business Leaders of America Future Educators Freshman Class Jazz/Marching Band Mini-Thon Model Congress National Junior Honor Society School Newspaper Show Choir Ski Club Spelling Bee Student Council Technology Student Association Wind Ensemble Yearbook Club 8/9

Model UN / Model Congress NAACP Future Leaders Club National Honor Society Parallels Writing Club Peer Tutoring Percussion Ensemble SADD Scholastic Scrimmage School Musical School Newspaper Science Olympiad Senior Class Sewing Club Show Choir Sign Language Club Ski Club Sophomore Class Spelling Bee Sports Club Student Council Technology Student Association Yearbook	
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Monroe Career and Technical Institute

As a student enrolled at Stroudsburg Junior/Senior High School, you can attend the Monroe Career and Technical Institute (MCTI). Students in grades nine through twelve are eligible to apply to the program area of their choice. Program descriptions and additional information can be found at the back of this Program of Study, or refer to their website at www.monroecti.org. For eighth/ninth-grade students, the application process will include the following:

- A presentation for interested eighth graders and all ninth graders by the Monroe Career & Technical Institute
- The opportunity to attend a Career Exploration Night at the Monroe Career & Technical Institute with your parent(s)
- A tour of the Monroe Career and Technical Institute for interested students during the school day
- A completed application submitted to the Guidance Office with parental signature

NOTE: Every effort will be made to place you in your first choice program area. However, placement is not guaranteed and it is competitive based on:

- *Classroom and academic performance*
- *Attendance*
- *Discipline*
- *Smart Futures portfolio and program compatibility results*

Smart Futures

The Stroudsburg Area School District has implemented the Smart Futures Portfolio System. The Smart Futures Portfolio System instruction occurs during Career Awareness class in eighth grade, This is Your Life! in ninth grade, and Career Planning at the High School. You must use Smart Futures throughout High School to assist in career development and

focus on improved career exploration. Smart Futures helps create career and education plans for high school and beyond and aids in résumé development. This program will help you explore and choose a career pathway and understand what is required to meet success. Once you complete the career assessment tools, the options are endless. This program is a portfolio tool with one goal: to help you plan your future.

Smart Futures Login Directions:

- Log on to www.smartfutures.org, and click “Log in with Clever.”
- Search “Stroudsburg” and scroll down to choose your specific building.
- Log in with your Stroudsburg Google information.
- Log in as a “User.”

All of your information will be stored and organized on your dashboard. From here, you can navigate the site by completing activities and earning badges as you learn new skills, all while developing your e-portfolio.

Career Clusters and Pathways

The Program of Study contains information about Career Clusters and Pathways recommended by the Pennsylvania Department of Education. Career Clusters provide information on 16 groupings of occupations, which are broad groupings of careers with similar characteristics with common interests, strengths, and competencies to help you explore career options within a cluster. A Career Pathway corresponds to those career options and enables you to focus on elective courses and co-curricular activities in preparation for a specific career area. This information helps you make informed decisions regarding your future career plans.

The Stroudsburg Area School District is committed to preparing you for college and career readiness relevant to the 21st century. For some, this will be a four-year college; for others, it may be a community college, technical school/training, apprenticeship, certification, military training, or entry into the workforce. Our District offers a rigorous and relevant curriculum designed to develop your strengths and provide a broad base of knowledge and skill that will enable you to be successful in the 21st century. You are encouraged to take an active role in developing your career plans by utilizing all of the resources available to you: the Program of Study, your Smart Futures Portfolio, as well as discussions with your parent(s), guardian(s), school counselor, educators, and/or community members.

Career Clusters/Pathways

Agriculture, Food, and Natural Resources*
 Architecture and Construction
 Arts, A/V Technology, and Communications
 Business Management and Administration
 Education and Training
 Finance
 Government and Public Administration
 Health Science

Hospitality and Tourism
 Human Services
 Information Technology
 Law, Public Safety, Corrections, and Security
 Manufacturing
 Marketing
 Science, Technology, Engineering, and Math
 Transportation, Distribution, and Logistics

*Agriculture, Food, and Natural Resources cluster is not included with a list of recommended electives.
 The electives for this cluster must be pursued through post-high school options.

Cluster #1: ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

Careers in the Arts, Audio-Video Technology, and Communications career cluster involve designing, producing, exhibiting, performing, writing, and publishing multimedia content, including visual and performing arts and design, journalism, and entertainment services. This career cluster is categorized into six different areas:

- Audio and Video Technology and Film Pathway
- Printing Technology and Graphic Communication Technology Pathway
- Visual Arts Pathway
- Performing Arts Pathway
- Journalism and Broadcasting Pathway
- Telecommunications Pathway

Are you interested in...	Can you or are you willing to...	Do you enjoy...
<ul style="list-style-type: none"> ❖ News reporting and writing ❖ Interviewing and reviewing ❖ Multimedia ❖ Productions ❖ Acting ❖ Radio, TV, film, and video ❖ Performing in a band and/or chorus ❖ Attending concerts 	<ul style="list-style-type: none"> ❖ Sing ❖ Play an instrument ❖ Be creative ❖ Act ❖ Articulate clearly ❖ Write and conduct interviews ❖ Meet deadlines 	<ul style="list-style-type: none"> ❖ Writing ❖ Making videos ❖ Working with film ❖ Props ❖ Seeking creative ideas ❖ Working with sound effects ❖ Performing in front of a live audience ❖ Working with computers

If you answered “yes” to most of these questions, you might consider a future in one of these careers:

- Acting
- Animation
- Artist
- Columnist
- Commercial Artist
- Designer
- Graphic Artist (M)*
- Journalist
- Musician
- Production Management
- Public Relations (M)*
- Singer
- Telecommunications

(M) = If you are considering one of these career areas, you may want to consider a Monroe Career and Technical Institute (MCTI) program area to fulfill your elective credits.

Cluster #1 aligned MCTI programs: Graphic Communications, Drafting, and Design Technology. Check out monroecti.org and select the programs tab to get more information on all the programs MCTI has to offer.

Cluster #1 aligned activities and clubs: Art Club, Chamber Orchestra, Chorale, Color Guard, Drill Team, Esports, Jazz Band, Marching Band, Percussion Ensemble, School Musical, School Newspaper, Show Choir, Technology Student Association (TSA), and Yearbook. Also, select other activities and clubs based on personal interests.

For more information relating to careers in this cluster, check out the following website:

<https://www.education.pa.gov/K-12/CareerReadyPA/Pages/default.aspx>

Cluster #2: BUSINESS, FINANCE, AND INFORMATION TECHNOLOGY

Careers in this field are designed to prepare you for the world of business, finance, and information services. This career cluster is categorized into four different areas:

- Business Management and Administration Pathway
- Finance Pathway
- Information Technology Pathway
- Marketing Pathway

Are you interested in...	Can you or are you willing to...	Do you enjoy...
<ul style="list-style-type: none">❖ A business environment❖ Management❖ Advertising❖ Marketing and sales❖ Computers and technology❖ Web development❖ Presentations to groups❖ Legal issues❖ Accounting❖ Different work sites	<ul style="list-style-type: none">❖ Work easily with others❖ Organize your time efficiently❖ Work with statistics❖ Use computers and other technology❖ Pay attention to details❖ Solve problems❖ Work independently❖ Show initiative❖ Work on a team	<ul style="list-style-type: none">❖ Meeting with groups❖ Making budgets❖ Organizing a project❖ Planning an event❖ Working with technology❖ Selling products and services❖ Processing numbers and figures❖ Preparing financial reports❖ Following directions❖ Learning new software programs❖ Gathering data and doing surveys

If you answered “yes” to most of these questions, you might consider a future in one of these careers:

- Accountant
- Administrative Support
- Advertising
- Bank Teller
- Computer Networking and Security (M)*
- Computer Science
- Entrepreneur
- Events Planner
- Hotel, Resort, and Tourism (M)*
- Insurance
- Marketing (M)*
- Real Estate Expert
- Researcher
- Stock Broker
- Store Manager

(M) = If you are considering one of these career areas, you may want to consider a Monroe Career and Technical Institute (MCTI) program area to fulfill your elective credits.

Cluster #2 aligned programs: Business and Hospitality Management, Graphic Communications, Computer Information Science, and Computer Networking and Security. Check out monroecti.org and select the programs tab to get more information on all the programs MCTI has to offer.

Cluster #2 aligned activities and clubs: Esports, Coding Club, Future Business Leaders of America (FBLA), Math Club, Technology Student Association (TSA), and Yearbook. Also, select other activities and clubs based on personal interests.

For more information relating to careers in this cluster, check out the following website:

<https://www.education.pa.gov/K-12/CareerReadyPA/Pages/default.aspx>

Cluster #3

ENGINEERING AND INDUSTRIAL TECHNOLOGY

Careers in this field are designed to cultivate your interests, awareness, and application to areas related to technologies necessary to design, develop, install, or maintain physical systems. This career cluster is categorized into three different areas:

- Architecture and Construction Pathway
- Manufacturing Pathway
- Transportation, Distribution, and Logistics Pathway

Are you interested in...	Can you or are you willing to...	Do you enjoy...
<ul style="list-style-type: none"> ❖ Building and construction ❖ Tools, equipment, and materials ❖ Woodworking ❖ Math and science classes ❖ Precision work ❖ Design and architecture ❖ Engineering ❖ Computer technology ❖ Production ❖ Management ❖ How things work 	<ul style="list-style-type: none"> ❖ Apply science and math to the real world ❖ Read and understand directions ❖ Solve problems of a complex nature ❖ Understand directives and read maps ❖ Organize reports and people ❖ See a task through to completion ❖ Use a computer 	<ul style="list-style-type: none"> ❖ Travel ❖ Working with your hands ❖ Designing/working with projects, models, and prototypes ❖ Working in a lab setting ❖ Working on a team ❖ Building with your hands ❖ Operating tools and equipment ❖ Paying close attention to detail

If you answered “yes” to most of these questions, you might consider a future in one of these careers:

- Auto Mechanic (M)*
- Architect
- Carpenter (M)*
- Diesel Mechanic (M)*
- Drafter (M)*
- Electrician (M)*
- Engineer (M)*
- Equipment Manager
- HVAC (M)*
- Mason (M)*
- Plumber (M)*
- Precision Machining (M)*
- Research and Development
- Warehouse Manager
- Welder (M)*

(M) = If you are considering one of these career areas, you may want to consider a Monroe Career and Technical Institute (MCTI) program area to fulfill your elective credits.

Cluster #3 aligned MCTI programs: Automotive Collision Repair, Automotive Technology, Carpentry, Diesel Technology, Electrical Technology, Electronics Technology, HVAC Technology, Masonry, Outdoor Power Equipment Technology, Plumbing, Precision Machining, and Welding Technology. Check out monroecti.org and select the programs tab to get more information on all the programs MCTI has to offer.

Cluster #3 aligned activities and clubs: Esports, Coding Club, Math Club, Science Olympiad, Technology Student Association (TSA), and Yearbook. Also, select other activities and clubs based on personal interests.

For more information relating to careers in this cluster, check out the following website:

<https://www.education.pa.gov/K-12/CareerReadyPA/Pages/default.aspx>

Cluster #4

HUMAN SERVICES

Careers in this field are designed to cultivate your interests, skills, and experience for employment in careers related to families and human needs. This career cluster is categorized into five different areas:

- Education and Training Pathway
- Government and Public Administration Pathway
- Hospitality and Tourism Pathway
- Human Services Pathway
- Law, Public Safety, Corrections, and Security Pathway

Are you interested in...	Can you or are you willing to...	Do you enjoy...
<ul style="list-style-type: none"> ❖ Working with people ❖ Owning your own business ❖ Aging adults ❖ Child development ❖ Family and social services ❖ Food preparation ❖ Teaching ❖ Counseling 	<ul style="list-style-type: none"> ❖ Organize well ❖ Plan and direct programs ❖ Be creative ❖ Communicate well ❖ Assume leadership ❖ Work with a team ❖ Use interpersonal skills ❖ Be conscientious and dependable ❖ Plan budgets ❖ Sell 	<ul style="list-style-type: none"> ❖ Communication services ❖ Helping and protecting others ❖ Working with people ❖ Counseling and advising people ❖ Serving others' needs ❖ Interviewing people ❖ Selling products and services ❖ Handling customer complaints ❖ Searching for answers to human problems

If you answered “yes” to most of these questions, you might consider a future in one of these careers:

- Chef/Caterer (M)*
- Cosmetologist (M)*
- Counselor
- Government
- Hotel, Resort, and Tourism (M)*
- Lawyer
- Military Officer (M)*
- Police Officer (M)*

- Researcher
- Sales Consultant
- Sports Recreation
- Teacher

(M) = If you are considering one of these career areas, you may want to consider a Monroe Career and Technical Institute (MCTI) program area to fulfill your elective credits.

Cluster #4 aligned MCTI programs: Cosmetology, Culinary Arts, and Criminal Justice. Check out monroecti.org and select the programs tab to get more information on all the programs MCTI has to offer.

Cluster #4 aligned activities and clubs: Acceptance Project, Aavidum, Best Buddies, DE&I, Diversity/GSA, Interact Club/Community Service, Key Club/Community Service, Mini-Thon, Mock Trial, Model UN/Model Congress, NAACP Future Leaders Club, National Honor Society, SADD, Scholastic Scrimmage, and Student Council. Also, select other activities and clubs based on personal interests.

For more information relating to careers in this cluster, check out the following website:

<https://www.education.pa.gov/K-12/CareerReadyPA/Pages/default.aspx>

Cluster #5: SCIENCE AND HEALTH

Careers in this field are designed to cultivate your interest in the life, physical and behavioral sciences and the planning, managing, and providing of therapeutic services, diagnostic services, health information, and biochemistry research development. This career cluster is categorized into three different areas:

- Agriculture, Food, and Natural Resources Pathway
- Health Science Pathway
- Science, Technology, Engineering, and Mathematics Pathway

Are you interested in...	Can you or are you willing to...	Do you enjoy...
<ul style="list-style-type: none"> ❖ Health care environment ❖ Science and medicine ❖ Medical research ❖ Food production ❖ Environment and conservation ❖ Pharmacy ❖ Physical therapy ❖ Sports and fitness ❖ Information systems ❖ Conservation ❖ Radiology 	<ul style="list-style-type: none"> ❖ Pay attention to detail ❖ Use a computer and technology ❖ Work in a lab setting or medical facility ❖ Apply a scientific theory to real-life problems ❖ Work outdoors around animals and plants ❖ Collect and analyze data from experiments ❖ Work with people in need ❖ Work with science and math theories 	<ul style="list-style-type: none"> ❖ Diagnosing and caring for sick animals ❖ Working outdoors with wildlife ❖ Solving problems ❖ Working on cutting edge scientific research ❖ Working with a team ❖ Medical lab research ❖ Contributing to society ❖ Working with numbers ❖ Developing conclusions from a database

If you answered “yes” to most of these questions, you might consider a future in one of these careers:

- Agribusiness
- Animal Sciences
- Biologist
- Dentist

- Dietician
- Forestry
- Lab Technician (M)*
- Nurse (M)*
- Occupational Therapist (M)*
- Physical Therapist (M)*
- Physician (M)*
- Research and Development
- Veterinarian
- X-Ray Technician (M)

(M) = If you are considering one of these career areas, you may want to consider a Monroe Career and Technical Institute (MCTI) program area to fulfill your elective credits.

Cluster #5 aligned MCTI program: Health Professions. Check out monroecti.org and select the programs tab to get more information on all the programs MCTI has to offer.

Cluster #5 aligned activities and clubs: Health Sciences Club, Hiking Club, Science Olympiad, Ski Club, and Sports Club. Also, select other activities and clubs based on personal interests.

For more information relating to careers in this cluster, check out the following website:

<https://www.education.pa.gov/K-12/CareerReadyPA/Pages/default.aspx>

Career Pathway Alignment of Elective Courses

Electives							
Art	Number	Page #	9	10	11	12	Cluster #
AP Studio Art and Design and Drawing { <i>STEAM</i> }	6146	24				x	1
Art Major 1	6110	24	x	x	x	x	1
Art Major 2	6120	24		x	x	x	1
Art Major 3	6130	24			x	x	1
Art Major 4	6140	25				x	1
Ceramics (S)	6123	25		x	x	x	1
Digital Photography (S) { <i>STEAM</i> }	6137	25		x	x	x	1, 2
Digital Video 1 (S) { <i>STEAM</i> }	6138	25			x	x	1, 2
Digital Video 2 (S) { <i>STEAM</i> }	6139	25			x	x	1, 2
Independent Study Program	6145	26				x	1
Sculpture	6125	26			x	x	1
Yearbook - H { <i>STEAM</i> }	1416	26			x	x	1, 2
Business, Computer, & Information Technology	Number	Page #	9	10	11	12	Cluster #
Accounting 1	7220	27		x	x	x	2
Accounting 2 - H	7320	27			x	x	2
Accounting 3- H (S)	7420	27				x	2
Advanced Web Page Design (S) { <i>STEAM</i> }	7257	28			x	x	2
Business Law	7352	28			x	x	2
Digital Multimedia & Editing (S) { <i>STEAM</i> }	7152	28	x				2, 4
Entrepreneurship & Business Management	7251	28		x	x	x	2, 4
International Business	7253	29			x	x	2
Introduction to Business	7150	29	x				2, 4
Introduction to Game Design Programming (S) { <i>STEAM</i> }	7259	29		x	x	x	2
Keyboarding (S)	7153	29	x				2

Microsoft Office Specialist Certification { <i>STEAM</i> }	7255	29		x	x	x	2, 4, 5
Office Apprenticeship (S or Y)	7451 / 7452	30				x	2
Personal Finance (S)	7230	30		x	x	x	2, 4
Read. Write. Code. (S) { <i>STEAM</i> }	7235	30	x				2
School to Work Technology (S)	7154	30	x				2, 4
Sports, Entertainment & Fashion Marketing	7254	30		x	x	x	2, 4
Statistical Reasoning (S) { <i>STEAM</i> }	7355	30			x	x	1, 2, 3, 4
Web Page Design (S) { <i>STEAM</i> }	7256	31		x	x	x	2, 4
English	Number	Page #	9	10	11	12	Cluster #
Adv. Journalism: Media & Newspaper - H { <i>STEAM</i> }	1415	33			x	x	1, 4
AP English Language and Composition	1300	33			x	x	1, 4
AP English Literature and Composition	1400	33				x	1, 4
British Literature CP (S)	1421	34				x	1, 2, 3, 5
Communication Skills (S)	1163	34	x				1, 2, 3, 5
Creative Writing (S)	1356	34		x	x	x	1, 2, 3, 4, 5
Drama 1 (S)	1358	34		x	x	x	1
Drama 2 (S)	1359	35		x	x	x	1
Introduction to Film Studies (S)	1354	38			x	x	1
Introduction to Journalism	1150	38	x				1, 4
Introduction to Theatre (S)	1162	38	x				1, 2, 3, 5
Journalism	1355	38		x	x		1, 4
Modern Literature CP (S)	1423	39				x	1, 2, 3, 5
Myth and Ritual in World Literature (S)	1424	39				x	1, 2, 3, 5
Public Speaking, Rhetoric & Debate (S)	1357	39		x	x	x	1, 2, 3, 4, 5
Studies of Science Fiction (S)	1353	40			x	x	1, 2, 3, 5

Family & Consumer Science	Number	Page #	9	10	11	12	Cluster #
American Foods (S)	6222	41		x	x	x	4
Discovering Food	6211	41	x				4
Foreign Foods (S)	6223	41		x	x	x	4
Health & Physical Education	Number	Page #	9	10	11	12	Cluster #
First Aid/Athletic Training 1 (S)	5755	42		x	x	x	5
First Aid/Athletic Training 2 (S)	5756	42		x	x	x	5
Healthy Lifestyles (S)	5758	43		x	x	x	4, 5
Introduction to Allied Health	5710	43	x	x	x	x	4, 5
Strength & Conditioning (S)	5759	44		x	x	x	5
Strength & Conditioning	5760	44		x	x	x	5
Math	Number	Page #	9	10	11	12	Cluster #
AP Calculus AB { <i>STEAM</i> }	3400	47			x	x	2, 3, 5
AP Calculus BC { <i>STEAM</i> }	3401	48				x	2, 3, 5
Pre-Calculus H { <i>STEAM</i> }	3310	49		x	x	x	2, 3, 5
Statistics & Probability H { <i>STEAM</i> }	3410	49			x	x	2, 3, 5
Music	Number	Page #	9	10	11	12	Cluster #
9th Grade Band	6309	51	x				1, 2, 3, 4, 5
9th Grade Concert Choir	6320	51	x				1, 2, 3, 4, 5
9th Grade Orchestra	6330	51	x				1, 2, 3, 4, 5
AP Music Theory	6350	51		x	x	x	1, 2, 3, 4, 5
Beginning Music Theory - CP (S)	6340	51		x	x	x	1, 2, 3, 4, 5
Beg. Piano Keyboard, Acoustic Guitar (S)	6341	51		x	x	x	1, 2, 3, 4, 5
Concert Band 1	6310	51		x			1, 2, 3, 4, 5
Concert Band 2 - H	6312	51				x	1, 2, 3, 4, 5
Concert Band 2	6311	51			x	x	1, 2, 3, 4, 5

Concert Choir - H	6323	53				x	1, 2, 3, 4, 5
Concert Choir	6321/6324/6325	53		x	x	x	1, 2, 3, 4, 5
Concert Choir (S)	6322	53		x	x	x	1, 2, 3, 4, 5
Orchestra 1	6331	53		x			1, 2, 3, 4, 5
Orchestra 2 - H	6333	54				x	1, 2, 3, 4, 5
Orchestra 2	6332/6334	54			x	x	1, 2, 3, 4, 5
Science	Number	Page #	9	10	11	12	Cluster #
Anatomy & Physiology - H { <i>STEAM</i> }	4315	56		x	x	x	3, 4, 5
Anatomy & Physiology - CP { <i>STEAM</i> }	4325	56		x	x	x	3, 4, 5
AP Biology { <i>STEAM</i> }	4415	56			x	x	3, 4, 5
AP Chemistry { <i>STEAM</i> }	4405	56			x	x	3, 4, 5
AP Environmental Science { <i>STEAM</i> }	4316	57			x	x	3, 4, 5
AP Physics C { <i>STEAM</i> }	4401	57				x	3, 4, 5
Chemistry 2 CP { <i>STEAM</i> }	4327	59			x	x	3, 4, 5
Environmental Issues/Bioethics { <i>STEAM</i> }	4350	59			x	x	3, 4, 5
Human Anatomy & Physiology { <i>STEAM</i> }	4236	59			x	x	3, 4, 5
Introduction to Forensic Science { <i>STEAM</i> }	4351	59			x	x	3, 4, 5
Invertebrate Biology (S) { <i>STEAM</i> }	4150	61	x				3, 4
Marine Science (S) { <i>STEAM</i> }	4154	61	x				3
Pennsylvania's Wild Natural Resources { <i>STEAM</i> }	4352	61			x	x	3, 4, 5
Physics 1 H { <i>STEAM</i> }	4400	62		x	x	x	3, 4, 5
Physics 1 CP { <i>STEAM</i> }	4420	62		x	x	x	3, 4, 5
Principles of Ecology & Field Biology CP { <i>STEAM</i> }	4326	62			x	x	3, 4, 5
Principles of Ecology { <i>STEAM</i> }	4336	62				x	3, 4, 5
Social Studies	Number	Page #	9	10	11	12	Cluster #
American Pop Culture (S)	2460	64			x	x	4

AP American Government & Politics	2308	64		x	x	x	4
AP European History	2306	64			x	x	4
AP United States History	2305	65			x	x	4
Contemporary World Studies H	2310	66			x	x	2, 4
Contemporary World Studies CP	2320	66			x	x	2, 4
Current American Issues (S)	2258	66	x				2, 4
Global Issues (S)	2257	67			x	x	2, 4
Minorities in America (S)	2450	67		x	x	x	4
Model Congress (S)	2259	67	x				4
Money, Land, Power (S)	2490	67			x	x	2, 4
Psychology CP	2316	68			x	x	2, 4, 5
Sociology CP (S) <i>*New Course*</i>	2300	68			x	x	2, 3, 4
Technology Revolution (S)	2500	68			x	x	2, 3, 4
United States Issues and Current Events (S)	2256	68			x	x	2, 4
Technology	Number	Page #	9	10	11	12	Cluster #
Adv. Computer-Aided Drafting { <i>STEAM</i> }	6446	70		x	x	x	3, 5
CADD 1: Introduction to CADD (S) { <i>STEAM</i> }	6440	70	x	x	x	x	3, 5
Civil Engineering & Architecture <i>*New Course*</i> { <i>STEAM</i> }	6431	70		x	x	x	3, 5
Computer-Aided Drafting and Design - CADD { <i>STEAM</i> }	6442	71		x	x	x	3, 5
Introduction to Engineering Design { <i>STEAM</i> }	6412	71	x	x			3, 5
Materials Production 1 (S) { <i>STEAM</i> }	6420	71	x	x	x	x	3, 5
Materials Production 2 (S) { <i>STEAM</i> }	6430	71		x	x	x	3, 5
Materials Production 3 (S) { <i>STEAM</i> }	6421	72		x	x	x	3, 5
Robotics (S) { <i>STEAM</i> }	6435	72	x	x	x	x	3, 5
Theme Park Design (S) { <i>STEAM</i> }	6436	72		x	x	x	3, 5

World Language	Number	Page #	9	10	11	12	Cluster #
Exploring French (S)	6001	73	x				1, 2, 3, 4, 5
French 1 CP	6011	73	x	x	x	x	1, 2, 3, 4, 5
French 2 CP	6012	73	x	x	x	x	1, 2, 3, 4, 5
French 3 H	6013	73		x	x	x	1, 2, 3, 4, 5
French 4 H	6014	73			x	x	1, 2, 3, 4, 5
French 5 H	6015	74				x	1, 2, 3, 4, 5
Exploring Spanish (S)	6021	74	x				1, 2, 3, 4, 5
Spanish 1 CP	6031	74	x	x	x	x	1, 2, 3, 4, 5
Spanish 2 CP	6032	74	x	x	x	x	1, 2, 3, 4, 5
Spanish 3 H	6033	74		x	x	x	1, 2, 3, 4, 5
Spanish 4 H	6034	74			x	x	1, 2, 3, 4, 5
Spanish 5 H	6035	75				x	1, 2, 3, 4, 5
Additional Course Offerings	Number	Page #	9	10	11	12	Cluster #
Research and Digital Comp. for College Writing (S)	1000	75		x	x	x	1, 2, 3, 4, 5
Monroe Career & Technical Institute							
Construction Program Areas	Number	Page #	9	10	11	12	Cluster #
Carpentry	8027	77	x	x	x	x	3
Electrical Technology	8207	77	x	x	x	x	3
HVAC Technology	8032	77	x	x	x	x	3
Masonry	8030	78	x	x	x	x	3
Plumbing Technology	8033	78	x	x	x	x	3
Health Science and Human Services Program Areas	Number	Page #	9	10	11	12	Cluster #
Applied Horticulture: Floriculture	8404	78	x	x	x	x	4, 5
Applied Horticulture: Landscaping	8405	78	x	x	x	x	4, 5

Business and Hospitality Management	8505	78	x	x	x	x	2, 4
Cosmetology	8085	79	x	x	x	x	4
Criminal Justice	8512	79	x	x	x	x	4
Culinary Arts	8502	79	x	x	x	x	4
Health Professions	8385	79		x	x	x	4, 5
Therapeutic Science & Sports Medicine <i>*New Course*</i>	8400	80		x	x	x	4, 5
Information Technology	Number	Page #	9	10	11	12	Cluster #
Computer Information Science	8801	80	x	x	x	x	1, 4
Computer Networking and Security	8218	80	x	x	x	x	2, 4
Graphic Communications	8062	81	x	x	x	x	1, 4
Manufacturing Program Areas	Number	Page #	9	10	11	12	Cluster #
Drafting and Design Technology	8042	81	x	x	x	x	3
Electronics Technology	8208	81	x	x	x	x	1, 3
Precision Machining	8071	82	x	x	x	x	3
Welding Technology	8075	82	x	x	x	x	3
Transportation Program Areas	Number	Page #	9	10	11	12	Cluster #
Auto Collision & Repair	8008	82	x	x	x	x	3
Automotive Technology	8009	83	x	x	x	x	3
Diesel Technology	8041	83	x	x	x	x	3
Outdoor Power Equipment Technologies	8067	83	x	x	x	x	3

**** {STEAM}: If noted, this course will waive the STEAM System 0.25 credit requirement. ****

COURSE DESCRIPTIONS - GRADES 9 - 12

Course Characteristics Abbreviations

AP = Advanced Placement

H = Honors

CP = College Preparatory

W = Workshop

S = Semester course

L = Course includes double laboratory period

* Unless otherwise specified, all courses meet 6/6 days per cycle.

Art

The art curriculum at the high school level provides a strong foundation in the visual arts through studio production, art history, criticism, and aesthetics. You will learn many skills through concepts in art education to prepare you for life experiences both inside and outside the realm of art. You will explore a variety of different media and techniques, as well as develop a deeper understanding of aesthetics and creative thinking skills. Studying art contributes to higher-level thinking, self-discipline, self-motivation, planning, commitment, and respect for others' opinions.

6146	AP STUDIO ART AND DESIGN AND DRAWING	Grade 12	Credit: 1.00	Career Cluster #1
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NOTE: Recommend the successful completion of Art Majors 1, 2, 3, or a combination of Art Majors and other art courses.

This class is a college-level course for seniors who are serious art students considering a career in creative studies. Throughout the year, you will focus on art skills such as drawing, painting, and design. You will explore a variety of media and techniques, as well as develop a portfolio incorporating original work and photographs. In addition, you will have an opportunity to submit a portfolio for AP College Board review (the AP Studio Art and Design exam) consisting of Section I: Selected Works consisting of your five best quality pieces of work, and Section II: Sustained Investigation consisting of a series of fifteen related artworks. If you plan to take the AP Studio Art course, you need to be recommended by your current art teacher.

6110	ART MAJOR 1	Grades 9 - 12	Credit: 1.00	Career Cluster #1
6120	ART MAJOR 2	Grades 10 - 12	Credit: 1.00	Career Cluster #1

NOTE: Recommend these courses must be taken in sequence. For Art Major 2, students should have successfully completed Art Major 1.

Art Major 1 and 2 introduces you to the many areas of the Arts. Students will experience instruction regarding the basic foundations of design, painting, and drawing during the year. Independent projects are a significant emphasis. The course is open to all students interested in the different levels of art.

6130	ART MAJOR 3	Grades 11 - 12	Credit: 1.00	Career Cluster #1
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NOTE: Recommend the successful completion of Art Major 1 & 2.

Art Major 3 explores a broader spectrum of creative expression. The course offers an in-depth study of the art world by using foundations in art learned in Art 1 and 2 to reinforce traditional art media (acrylic paints, watercolor, charcoal, ink, etc.). In addition, the program encourages creative development through an emphasis on independent projects which you select, define, and execute.

6140	ART MAJOR 4	Grade 12	Credit: 1.00	Career Cluster #1
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NOTE: Recommend the successful completion of Art Major 1, 2, & 3.

Before entering Art 4, you should achieve a competency level in Art 1, 2, and 3. Most projects in Art 4 emphasize expanding individual technical skills, critical thinking, and applying this knowledge when using new media. You will maintain a professional portfolio according to your individual skills and participate in the school, district, and community art shows.

6123	CERAMICS (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1
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You will learn clay's physical and chemical properties and techniques needed to create hand-built, wheel-thrown pottery and sculptural form. The course is taught with an emphasis on historical and contemporary designs and will stress an introduction and mastery of the processes needed to complete a variety of clay pieces. Additionally, you will learn glaze application and kiln usage in this course.

6137	DIGITAL PHOTOGRAPHY (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1, 2
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This course approaches photography as an artistic and journalistic medium by understanding how photography has developed through the years. You will learn to incorporate visual arts elements and design principles into your photography, learn various camera and lighting techniques, and express yourself through manipulating images using digital media utilizing Adobe Photoshop. By the end of this course, you will have a photographic portfolio, including various photographs and digital imagery.

6138	DIGITAL VIDEO 1: FOUNDATIONS OF VIDEO DESIGN AND PRODUCTION (S)	Grade 11 and 12	Credit: 0.50	Career Cluster #1, 2
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In this course, you will learn how to use video editing techniques in Adobe Premiere Pro, and Adobe Audition, (and other Adobe Creative Cloud programs), learn camera and lighting techniques, and express yourself through manipulation of images using digital media. By the end of this course, you will have a digital portfolio including a variety of edited videos. If you are interested in pursuing video production as a career choice, this course along with Digital Video 2 would allow you an opportunity to earn Adobe certification. Basic computer skills are necessary for successful completion of this course.

6139	DIGITAL VIDEO 2: FOUNDATIONS OF VIDEO DESIGN AND PRODUCTION (S)	Grade 11 and 12	Credit: 0.50	Career Cluster #1, 2
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NOTE: The successful completion of Digital Video 1 is required.

This course builds on concepts developed in Digital Video 1. You will continue to learn and use techniques in Adobe Premiere Pro, Adobe Audition, and other Adobe Creative Cloud programs. In addition, you will discover additional camera and lighting techniques, work with green screens, and express yourself through the manipulation of images using digital media. By the end of this course, you will have a digital portfolio including a variety of finished and edited videos and have the option to take the Adobe Digital Video Certification Test.

6145	INDEPENDENT STUDY PROGRAM	Grade 12	Credit: 1.00	Career Cluster #1
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The purpose of an Independent Study in the Visual Arts is to advance your skills and creativity in art, allowing you to expand your talents in a “concentration” area of artistic study. Furthermore, this program intends to provide the opportunity for you to gain exposure in areas of the visual arts not presently offered through the existing high school art curriculum. Eligibility for Independent Study:

- You must have attained the status of senior.
- You must have had an A average in previous coursework in the Visual Arts.
- You must have demonstrated the characteristics of self-motivation, superior ability in the visual arts, and the individual creativity necessary to focus on a predetermined and defined concentration area in the visual arts.
- You must provide portfolio evidence of the potential for independent study-based learning through a portfolio review, art teacher recommendation, and submission of required paperwork.

6125	SCULPTURE	Grades 11 - 12	Credit: 1.00	Career Cluster #1
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NOTE: The successful completion of Ceramics is required. Additionally, the successful completion of Art Major I is recommended, or the recommendation of the art teacher.

Sculpture is an advanced course designed to further develop design and media application skills by exploring sculptural, three-dimensional forms. Students should have successfully completed Ceramics and Art Major I, gaining a foundational knowledge of drawing, design, and various media such as clay. Students will learn about multiple sculpture methods emphasizing modeling and construction. In addition, students will explore compositional styles, techniques, and new materials to create original, three-dimensional works. The course will also emphasize art criticism. A study of historical and contemporary sculptors and their techniques will occur to inform student work.

1416	YEARBOOK - H	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 2
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NOTE: In order to retake this course senior year, students must have a final average of 80% or higher in this course during their junior year.

In this honors level course, you will gain skills in page design, copywriting, editing, advanced publishing techniques, photography, and videography while producing a creative, innovative yearbook that records school memories and events. There is an emphasis on journalism skills in this class, with lessons in photojournalism and Adobe Photoshop. Most importantly, you will gain useful, real-world skills in time management, marketing, teamwork, and design principles. Time in and out of class is needed to help capture memories and give our readers a story worth remembering.

Business, Computer, & Information Technology

The content area of business education provides a foundation for success no matter what your ultimate goals in life may be. Whether you want to be an entrepreneur or manage a small business, understanding business principles can help you make wise decisions. No student can function in today's global society and escape the need for the lifelong lessons taught in the business education curriculum. The ability to use computers efficiently with other components of information systems is a "must" for everyone in our increasingly technological society. You will learn to use computers as tools in conjunction with related software. In addition, you learn to make decisions, produce professional documents, communicate via the Internet, and earn industry-based credentials for technology in today's business world. If you study business education, you will have increased opportunities to succeed in whatever field you choose to pursue.

For [Dual Enrollment with Lackawanna College](#): Students may earn up to 12 college credits (\$100/credit). Accounting I and Accounting II earn 3 credits for Survey of Accounting. If a student completes Accounting III, (s)he can receive an additional 3 credits for Principles of Accounting I. Introduction to Business and Entrepreneurship & Business Management will lead to 3 college credits for Introduction to Business. Introduction to Business and Sports, Entertainment & Fashion Marketing will be eligible to receive 3 credits for Sports Marketing.

7220	ACCOUNTING 1 * Dual Enrollment with LC	Grades 10 - 12	Credit: 1.00	Career Cluster #2
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In Accounting 1, you will acquire an understanding of basic accounting principles and procedures used in daily business operations. Also, the course provided simulated office experiences will help you understand the accounting cycle. This course prepares you to enter the workforce after graduation or attend a community or four-year college to major in business and finance. During this course, you will gain experience with computerized accounting software.

7320	ACCOUNTING 2 - H * Dual Enrollment with LC	Grades 11-12	Credit: 1.00	Career Cluster #2
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NOTE: Successful completion of Accounting 1 required.

Accounting 2 builds on basic principles learned in Accounting 1. In addition to a review of the basic procedures of manual accounting systems, the computer is used extensively for accounts receivable, accounts payable, and general ledger accounting. Students will use Microsoft Excel to complete accounting problems. This course emphasizes the analysis of accounting data by managers and others involved in making day-to-day business decisions.

7420	ACCOUNTING 3 - H (S) * Dual Enrollment with LC	Grade 12	Credit: 0.50	Career Cluster #2
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NOTE: Successful completion of Accounting 2 required.

Accounting 3 builds on basic principles learned in Accounting 2 with a closer study of manual and computerized systems. You will learn management accounting, manufacturing cost accounting, and accounting for not-for-profit organizations. Accounting 3 emphasizes the use of automated accounting along with data analysis.

7257	ADVANCED WEB PAGE DESIGN (S)	Grades 11-12	Credit: 0.50	Career Cluster #2
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NOTE: Successful completion of Web Page Design required.

Advanced Web Page Design is an advanced-level course designed to expand on the skills acquired in Web Page Design. You will learn advanced web page design using HTML, Dreamweaver, and other possible programming languages. You will also learn the JavaScript language in this course to extend the functionality of HTML. The integration of JavaScript source code with HTML enhances the capabilities of web pages. You will apply the knowledge and skills acquired in Web Page Design to create web pages used by the district and possibly outside businesses, community members, or others seeking your services.

7352	BUSINESS LAW	Grades 11 - 12	Credit: 1.00	Career Cluster #2
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The Business Law curriculum covers two main areas: the legal system and personal business law topics. Business Law examines the federal and state legal systems and procedures. It familiarizes you with the nature and workings of the law as it affects day-to-day situations such as sales contracts, frauds, credit, property rights, insurance, and rent. You will experience legal cases through Mock Trials, video trials, and guest speakers. If you are interested in pursuing a business or legal career, this course will give you a foundation for college Business Law courses.

5652	CAREER PLANNING (S) Course meets 3/6 days per cycle	Grades 10-12	Credit: 0.25	Career Cluster #1, 2, 3, 4, 5
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****Required for Graduation****

This course provides the opportunity to explore career options and pathways. In this course, there is an emphasis on communication skills, résumé writing, the application process, interviewing techniques, and personal presentation as related to educational and career planning. Successful completion of all elements of this course is required to graduate.

7152	DIGITAL MULTIMEDIA & EDITING (S)	Grade 9	Credit: 0.50	Career Cluster #2, 4
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You will create and enhance photos using Photoshop techniques in PowerPoint presentations, websites, and Publisher documents. This skills-based course will prepare you for college and the workforce by developing skills utilized in various business-related fields. In addition, you will learn to make powerful presentations with the advanced features of Microsoft PowerPoint and various online presentation programs. Finally, you will learn the basics of photo composition and digital photography through digital cameras in the classroom. The software to be covered includes Adobe Photoshop, PowerPoint, Publisher, and the Internet and Google Apps.

7251	ENTREPRENEURSHIP & BUSINESS MANAGEMENT * Dual Enrollment with LC	Grades 10-12	Credit: 1.00	Career Cluster #2, 4
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This course will help you understand how business works in society. First, you will explore creating and managing your own business. Then, you will design your own small business and develop a quality business plan. The course will cover topics such as entrepreneurship, economic principles, management styles, human relations skills, managing inventory, production management, operations and staffing, and risk management on a personal and professional level.

7253	INTERNATIONAL BUSINESS	Grades 11 - 12	Credit: 1.00	Career Cluster #2
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This course introduces you to business principles critical to success in the global marketplace. This coursework acquaints you with economic concepts that are central to the operation of a successful international economic enterprise. Additionally, it helps you to identify the business operations in various regions, to understand cultural differences in other countries, and the challenge created by those differences to Americans trying to conduct business in foreign nations.

7150	INTRODUCTION TO BUSINESS * Dual Enrollment with LC	Grade 9	Credit: 1.00	Career Cluster #2, 4
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Introduction to Business serves as a foundation upon which future business courses will be built and enriches you with the beneficial knowledge you will use daily both in and outside of school. This course deals with economic concepts at a simplified level so you can understand how our business world works. You will be introduced to the business world both locally and internationally. Global economics, entrepreneurship, management, business plan construction, marketing, and personal finance are some topics included in this course. These concepts are developed in detail in later courses, giving a complete picture of business organization.

7259	INTRODUCTION TO GAME DESIGN PROGRAMMING (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #2
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This course will provide a conceptual understanding of animation design and practical experience in the design and development of animation. The course will enhance your communication, problem-solving, analysis, and critical thinking skills. You will create and add animation to various games and use problem-solving skills in technology as a systematic process. In addition, you will evaluate and review animation in production.

7153	KEYBOARDING (S)	Grade 9	Credit: 0.50	Career Cluster #2
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This course's design is for those with *limited to no* keyboarding experience. This semester course provides you with hands-on training in the correct touch typing techniques on computers. Also, basic word processing skills and formatting are emphasized to promote efficient document creation. Students will learn how to write personal business letters, memos, and simple reports in the course.

7255	MICROSOFT OFFICE SPECIALIST CERTIFICATION	Grade 10-12	Credit: 1.00	Career Cluster #2, 4, 5
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This course will provide in-depth, self-paced lessons using Microsoft Office focusing on Word, Excel, and PowerPoint applications. Upon successfully completing the course, students will have the skills to take a certification test to become a Microsoft Office Specialist (MOS Certification). This certification will allow students to earn a recognized worldwide industry-based credential. Finally, this course has cross-curricular applications. With Excel, students will develop math skills using data and formulas needed in the workforce. Through work in Word and PowerPoint, students will receive reinforcement in English and writing skills.

7451	OFFICE APPRENTICESHIP (S)	Grade 12	Credit: 0.50	Career Cluster #2
7452	OFFICE APPRENTICESHIP	Grade 12	Credit: 1.00	Career Cluster #2

NOTE: A completed application process with a business department member is a prerequisite for this course.

This senior course allows business students to apply theoretical concepts to practical applications in on-campus office environments. This course provides an excellent vehicle for attaining job competencies and developing work attitudes, habits, and ethics to enhance employability. As apprentice workers in various office settings, you will apply and improve skills acquired in the classroom.

7230	PERSONAL FINANCE (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #2, 4
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Personal Finance will build your skills in planning for your financial future. Covered course topics include banking, budgets, credit, loans, and interest, purchasing a home and car, gross and net pay, insurances, personal taxes, tax return preparation, paying for college, and other concepts of personal finance.

7235	READ. WRITE. CODE. (S)	Grade 9	Credit: 0.50	Career Cluster #2
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Coding is a way of bridging the gap between how computers operate and how humans think. Having a basic knowledge of coding can help you better understand how the technology you use every day works. Coding is not just about learning a programming language and how to write lines of code. Through coding, this class will help you develop essential transferable skills that all employers look for, such as problem-solving, critical thinking, and computational thinking. The projects developed in this course can be added to a personal portfolio and shared on post-secondary and job applications, which will help set you apart from other applicants. Information technology job growth for the future is a high priority in the coding field.

7154	SCHOOL TO WORK TECHNOLOGY (S)	Grade 9	Credit: 0.50	Career Cluster #2, 4
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NOTE: Recommend the successful completion of Keyboarding.

This course will introduce computer components and software packages used in the workplace. You will have hands-on experience using word processing, desktop publishing, spreadsheets, and presentation software. Applications of the computer will be stressed. This class is a precursor for the Microsoft Office Specialist course.

7254	SPORTS, ENTERTAINMENT & FASHION MARKETING * Dual Enrollment with LC	Grades 10-12	Credit: 1.00	Career Cluster #2, 4
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This course stresses the basic marketing principles through various in-class projects using Google Suite (Slides, Docs, and Sheets). The course will discuss sports, entertainment, and fashion marketing industries. You will have the opportunity to have hands-on experience in marketing by developing and promoting marketing presentations.

7355	STATISTICAL REASONING (S)	Grades 11 - 12	Credit: 0.50	Career Cluster #1, 2, 3, 4
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You will learn the principles of statistical reasoning in an accessible and enjoyable way that helps prepare you for life in the 21st Century. You will be introduced to the principles of statistical reasoning using a non-standard and student-friendly approach that emphasizes the entire statistical process, all in a motivating context. This course emphasizes statistical literacy and developing statistical thinking using real data.

7256	WEB PAGE DESIGN (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #2, 4
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This course will allow you to develop the skills necessary to design Web Pages for the Internet. You will learn the capabilities and the structure of HTML programming to create colorful, eye-catching Web pages like those developed by professional Webmasters. HTML is relatively easy to learn and works with nearly any computer system. Therefore, you will not only acquire impressive programming skills quickly, but you will also be able to apply these skills to several other popular programming languages such as Java, C++, or Pascal.

English



Stroudsburg Area School District English Progression

Below are suggested course progressions, but they can be modified to suit student needs as necessary.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
HONORS	Advanced Language Arts & Reading	Honors English 9	Honors English 10	AP Language & Composition or Honors English 11	AP Literature & Composition or Honors English 12
CP	Language Arts & Reading	CP English 9	CP English 10 or CP 20th Century Liberal Arts Studies	CP English 11	CP Composition (0.5 credit) and Literature Elective (0.5 credit)
CORE	Workshop Language Arts & Reading	English 9 or Workshop English 9	English 10	English 11	English 12 or Reading/Writing Workshop

The English Department offers a variety of courses to meet individual student needs. These courses include Advanced Placement and Honors, College Preparatory, Core Curriculum, and Workshop. In addition, there are a plethora of elective courses for students interested in journalism, drama, public speaking, and film studies, to name a few. The Department also provides services for English Learners through our English as a Second Language (ESL) Program. All courses will follow the standards of teaching and motivating students to comprehend, analyze, research, question, problem-solve, write, speak, and listen.

1240	20th CENTURY AMERICAN LIBERAL ARTS STUDIES - CP (NCAA)	Grade 10	Credits: 2.00
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NOTE: All students taking this course will take the Literature Keystone Exam in the Spring.

Welcome to this co-taught Social Studies/English CP class, which merges 20th Century American History with literature from the same time period. The goal of this class is to demonstrate the historical environment in which an author writes is a product of the events happening in the world. This course will allow you to read, study, analyze, and evaluate historical time periods AND literature from the 20th Century. Our journey will begin in approximately the Gilded Age and end in the 1980s. This course will be reading and writing intensive and will entail critical reading, writing, listening, speaking, and analysis. In addition, you will research topics we uncover during our exploration.

1800	ACADEMIC STRATEGIES ESL	Grades 9 - 12	Credit: 1.00
1801	ACADEMIC STRATEGIES ESL	Grades 9 - 12	Credit: 0.50

This program is available to you if you are an ESL student who needs additional instruction and practice with basic reading, language arts, and study skills. Development of improved study strategies, vocabulary, and grammar are stressed. You may receive help with test prep, content material, and assignments. This program is individualized to meet your needs. It is an elective course that does not count as an original English credit.

1415	ADVANCED JOURNALISM: MEDIA AND NEWSPAPER - H	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 4
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NOTE: Journalism (1355) is a prerequisite.

The Honors Media and Journalism class exposes you to essential journalistic techniques alongside modern digital production and design. You will receive hands-on experience with newspaper writing, research, and communication techniques. Throughout the course, you will be expected to perform various tasks associated with journalism, photography, and page design. You will refine your communication skills by interviewing other students, teachers, other school staff, and members of the greater Stroudsburg community. You will then apply these skills to creating Stroudsburg High School's online newspaper, the *Mountaineer*. The course aims not only to satisfy but to go beyond the publication standards set by organizations such as the Pennsylvania School Press Association. You will creatively think, work independently and with classmates, accept and provide constructive criticism, put in hours outside of class time, and show initiative. This course requires daily participation to update digital content, including social media accounts, and you are expected to meet deadlines and utilize modern methods of layout and design technology. Required readings include the *Associated Press*, the *BBC*, and *NPR News*.

1300	AP ENGLISH LANGUAGE AND COMPOSITION (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster # 1, 4
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You may take this course as your English credit for your junior or senior year. It is a college-level course that allows you to specialize in language and composition and become a more critical reader. Successful completion of this course and the AP examination may lead to college credit. The course is devoted to planning, drafting, revising, and editing as critical components of the writing process. Writing tasks include persuasion/argument, rhetorical analysis, and a synthesis essay. You will also write for publication with sophisticated expression as the goal. Students enrolled in this course will be assigned independent summer reading and writing assignments. Students are expected to take the AP exam in May. More specific information will follow once scheduled for this course.

1400	AP ENGLISH LITERATURE AND COMPOSITION (NCAA)	Grade 12	Credit: 1.00	Career Cluster # 1, 4
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You may take this course as your English credit your senior year. It is a college-level course that stresses critical reading and extensive literary analysis. Successful completion of this course and the AP examination may lead to college credit. The course emphasizes essential reading and literary analysis. You will read works such as *Macbeth*, *Beloved*, *Invisible Man*, *Madame Bovary*, *As I Lay Dying*, and other works of comparable literary value. Short stories by John Cheever and James Joyce will be studied, as well as poets Keats, Eliot, and Donne. Writing assignments include peer reviews, analysis papers, research papers, and journal entries. Classwork will be devoted to discussing literary works, peer editing student writing, and striving to improve critical abilities and writing skills. Students enrolled in this course will be assigned independent summer reading and writing assignments. Students are expected to take the AP exam in May. More specific information will follow once scheduled for this course.

1421	BRITISH LITERATURE - CP (S) (NCAA)	Grade 12	Credit: 0.50	Career Cluster #1, 2, 3, 5
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This semester course is a survey of prominent British authors. Poetry, novels, drama, and short stories are studied. Students might encounter authors including Nadine Gordimer, V.S. Naipaul, Anita Desai, William Shakespeare, John Keats, Charlotte Brontë, James Joyce, T.S. Eliot, and George Orwell. Skills emphasized include reading critically and independently, understanding plot structure, using and understanding figurative language, identifying themes in literature, and proofreading.

1163	COMMUNICATION SKILLS (S)	Grade 9	Credit: 0.50	Career Cluster #1, 2, 3, 5
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If you wish to improve your communication skills, this course is for you. You will learn skills appropriate for formal speaking situations. You will have opportunities to practice different forms of public speaking, such as oral readings, drama, speeches, and debates. You will experience practical experiences to apply your communication skills. Finally, you will be able to participate in reflection and self-evaluation activities to make you aware of your unique abilities.

1420	COMPOSITION - CP (S) (NCAA)	Grade 12	Credit: 0.50	
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NOTE: Senior CP English must take composition, then choose one semester of literature.

Composition is a required CP semester course specializing in language and composition. Classwork is devoted to language mastery and the critical components of the writing process: planning, drafting, revising, and editing. Core writing assignments include extended persuasive, definition, narrative, and descriptive essays and numerous journal entries. Critical reading of contemporary essayists, including George Orwell, Joan Didion, Ray Bradbury, Maya Angelou, and Annie Dillard, is undertaken.

1356	CREATIVE WRITING (S)	Grades 10-12	Credit: 0.50	Career Cluster # 1, 2, 3, 4, 5
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With the help of the Creative Writing course, you will learn ways to get your creative juices flowing by completing different writing exercises, such as magnetic poetry and writing with words cut from magazines. This semester course allows you to grow as a writer and human being. It also provides an audience of approximately twenty peers, so your work is not judged but constructively critiqued. You will read professional examples of writing as well as articles and essays about the craft of writing. You will write daily to improve your work and culminate a final portfolio that contains a variety of poetry, fiction stories, and perhaps nonfiction stories. You will also be expected to share your pieces with the class regularly and will gain helpful feedback through oral presentations and small writing groups.

1358	DRAMA 1 (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1
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In this elective course, you will not just read and discuss drama but become a part of the drama itself. You will discuss and explore aspects of this genre and have many opportunities for practical experiences. Specific plays encountered include The Glass Menagerie, The Miracle Worker, Brighton Beach Memoirs, Waiting for Godot, Rhinoceros, and Importance of Being Earnest. Writing assignments include journaling and two short writing assignments. A research project and a set or costume design project are also required. Emphasis placed upon performance and memorization of lines is required.

1359	DRAMA 2 (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1
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NOTE: Recommend the successful completion of Drama 1.

This elective course will immerse you in the production aspects of the theater. It presents a detailed overview of major trends in directing, casting, auditioning, producing, acting, and publicizing, as well as creating costumes, sets, lighting, and sound designs for the theater. You will learn techniques necessary to complete a culminating project where you will select a one-act play and go through all the steps involved in directing and producing your vision.

1231	ENGLISH	Grade 10	Credit: 1.00
1331	ENGLISH	Grade 11	Credit: 1.00

NOTE: These courses are scheduled in conjunction with Reading/Writing Edge. Reading/Writing Edge or Workshop is recommended for students in need of remediation.

English 1231 and 1331 are the language arts classes linked to Reading/Writing Edge (1246/1247). The classes are scheduled together as a double-period block and provide you with intensive instruction in reading and writing. The courses include writing development, grammar, and the study of American literature. You will write in response to reading assignments. You will be placed in this course and Reading/Writing Edge if you have not reached proficiency on the PSSA or Keystone exam. If you are new to the district, you will take a pre-test to determine eligibility.

1110	ENGLISH 9 - H (NCAA)	Grade 9	Credit: 1.00
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This course meets the needs of college-bound students who have mastered usage and writing skills, are avid readers, and have a keen desire to become more sophisticated users of the English language. Independent reading of all selected literature selections is a requirement of this course. The course covers a diverse array of literature, including short stories, poetry, short pieces of nonfiction, and *Romeo and Juliet*. It focuses on analytic development, vocabulary development, speech preparation and delivery, creation and development of analysis papers, and correction of an assortment of writing problems. Writing assignments will address a variety of formats; however, there will be a substantial emphasis on producing short analysis papers and essay responses as an avenue towards constructing an articulate and polished larger paper.

1120	ENGLISH 9 - CP (NCAA)	Grade 9	Credit: 1.00
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This course will prepare you to think critically, a skill necessary in the modern age. You will read a variety of literature encompassing a variety of genres. You will analyze the explicit meaning of texts and continue to develop analytical skills to determine the implicit aspect of texts. You will learn to use textual evidence to support your responses and writing. Course activities will enhance vocabulary development and writing skills with the goal of you becoming a strong communicator in the 21st Century.

1130	ENGLISH 9	Grade 9	Credit: 1.00
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This course will help you become a critical thinker, a skill necessary in the modern age. You will work on developing the skills necessary to navigate a variety of texts, including literary and other genres. You will focus on developing skills to understand the explicit meaning of texts while beginning to focus on the implicit information also present within texts. In addition, you will continue to focus on and improve your communication skills through vocabulary development and written expression.

1140	ENGLISH 9 WORKSHOP	Grade 9	Credit: 1.00
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This course includes grammar, vocabulary development, the study of literature, and writing. The class emphasizes the integration of reading and writing. You will write in response to various reading assignments, including short stories, novels, and plays. During this course, you will utilize the reading and writing process within the context of each assignment. You will be placed in this course if you have not reached proficiency on the PSSA in eighth grade. Additional criteria will be used if all sections become filled to determine eligibility. You will be scheduled for a full year of Reading/Writing Edge (1141) along with this course.

1210	ENGLISH 10 - H (NCAA)	Grade 10	Credit: 1.00
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NOTE: All students taking this course will take the Literature Keystone Exam in the Spring.

The course includes a survey of American literature, vocabulary development, grammar, literary elements, writing strategies, and critical analysis of literature. The variety of literature includes classic to contemporary American writings. Assessments in this course can include summative and formative assessments, writing assignments, and projects. The expectations for this course include independent reading and analysis, and daily participation in class discussions. In addition, students enrolled in this course will be assigned independent summer reading and in-class writing assignments.

1220	ENGLISH 10 - CP (NCAA)	Grade 10	Credit: 1.00
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NOTE: All students taking this course will take the Literature Keystone Exam in the Spring.

The course includes a survey of American literature, vocabulary development, a review of punctuation, informative oral presentation, and correction of writing problems. Writing assignments include journal entries, essays, a memoir, and a self-assessment paper. Classic American authors include Irving, Poe, Bryant, Hawthorne, Emerson, Thoreau, Porter, Steinbeck, Miller, and more. Independent reading from selected works, including novels and several short analysis papers, is required.

1230	ENGLISH 10	Grade 10	Credit: 1.00
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NOTE: All students taking this course will take the Literature Keystone Exam in the Spring.

This course will include components concerned with communication in the workplace, vocabulary, spelling, literary devices, American literature, writing, and usage. You will read non-fiction, short stories, plays, novellas, and novels by various authors such as Poe, Jackson, Rose, Wilder, Hemingway, Hawthorne, and Frost. This course requires multiple writing assignments, projects, and other assessments. The course will deal with problems in usage and mechanics such as punctuation, word agreement, recognizing correct sentence structure, and words that often need clarification.

1310	ENGLISH 11 - H (NCAA)	Grade 11	Credit: 1.00
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The sequence of this course will start with Old English and progress to Middle and Modern English. This course sequence will provide a scope of how different societies have influenced language in history. This course will help improve your presentation, grammar, writing, and research skills. In this course, you will read various works from epics, novels, Shakespeare, short stories, and poetry. Also, you will encounter a variety of authors to show you a different perspective of the world at various times. You will do several presentations and projects in addition to tests. The course will take you through time. As an Honors course, this course will challenge you and prepare you for advanced studies.

1320	ENGLISH 11 - CP (NCAA)	Grade 11	Credit: 1.00
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This course approaches the study of World Literature through a chronological survey. Major works read typically include the *Epic of Gilgamesh*, *The Odyssey*, *Oedipus the King*, *Hamlet*, *Sir Gawain and the Green Knight*, *A Doll's House*, and *Antigone*. The course also emphasizes oral and written analysis of literature. The core writing assignments are a response to the major pieces of literature. Literary analysis papers are also required.

1330	ENGLISH 11	Grade 11	Credit: 1.00
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You will develop practical and higher-level thinking skills through exposure to works such as poetry, short stories, plays, a short research paper, and a portfolio creation of these same types of writing. The world literature selections range from ancient civilizations to the Renaissance, with options from genres including Romanticism and Modernism with the possible opportunity to read contemporary selections. The required units include *The Epic of Gilgamesh*, *The Odyssey* by Homer, *Sir Gawain and the Green Knight*, *Oedipus the King* by Sophocles, and *Hamlet* by Shakespeare. This course will provide continuous instruction in reading, writing, and speaking and listening skills based on the Pennsylvania State Standards. Through the presentation of projects, technology, and differentiated materials, you will gain an appreciation and understanding of literary and practical skills needed for success in the future.

1410	ENGLISH 12 - H	Grade 12	Credit: 1.00
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This course will allow students to read, analyze, and evaluate college-level material. After examining and questioning the texts, our class will explore how to delve into relevant research and how to critically assess and challenge the critics' views. In addition to reading, analyzing, and writing papers to support ideas evidenced from the texts, we will explore the societal forces that impact individuals and cultures. Students will prioritize becoming better learners, readers, writers, and communicators while preparing for the rigorous expectations of university study. We will spend much time studying literature, developing skills and strategies, and exploring concepts that define and inform our understanding of the world. This course is reading and writing intensive and will require much preparation, outside of class. Engaged, high-level participation in discussion is the daily expectation.

1430	ENGLISH 12	Grade 12	Credit: 1.00
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The course emphasizes the skills needed to function in an increasingly complex world. You will perform various research tasks, read and comprehend various texts, solve problems, write for multiple purposes, and analyze and make critical judgments. Literature studied typically includes Arthur Miller's *Death of a Salesman*, William Golding's *Lord of the Flies*, *Macbeth*, another short novel, and independent readings. Non-fiction, short stories, and poetry are also studied. A reader response journal and vocabulary notebook are required.

1354	INTRODUCTION TO FILM STUDIES (S)	Grades 11 - 12	Credit: 0.50	Career Cluster #1
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Here is your opportunity to learn about 100 years of cinematography, from Hollywood blockbusters to quirky, independent films! In this semester course, you will learn to “read” the film's language and study different elements, such as cinematography, *mis en scene*, movement, editing, and sound. You will discuss these films and your own personal favorites, new and old. You should come away from this course with literally a list of hundreds of films you may want to add to your personal queue. Throughout this course, you will gain a better understanding and appreciation for the art of film. This course is for serious, open-minded film viewers interested in broadening their cinematic knowledge. You will be required to take notes during films, observe the different techniques used and partake in thoughtful class discussions about the films viewed in the class. You will read excerpts about film techniques and film history. Sophisticated oral and written analysis of film will be required. You will write a series of short analytical papers exploring film techniques based on the films viewed in the class.

1150	INTRODUCTION TO JOURNALISM	Grade 9	Credit: 1.00	Career Cluster #1, 4
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The Introduction to Journalism course will familiarize you with the fundamentals of journalism. Topics covered will include interviewing, reporting, writing and copy editing, the history of journalism, thinking critically about the media, ethics and decision making, and libel and First Amendment rights. In relation to the skills of the course, you will be working in a collaborative writing setting where the teacher will act more in the role of facilitator than an information provider. You will write articles of interest to the teacher, participate in peer editing and revision scenarios, and develop leadership ability as you acquire responsibility and ownership over many aspects of the online school newspaper. You may have the opportunity to submit articles to the *Mountaineer* online newspaper.

1162	INTRODUCTION TO THEATRE (S)	Grade 9	Credit: 0.50	Career Cluster #1, 2, 3, 5
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“What’s your motivation?”... “Don’t upstage yourself!”... “When you say that line, move downstage right.” This class is an introduction to basic theater terms and acting techniques. You will practice various relaxation methods and develop physical and vocal warm-ups to get ready to perform. You will play theater games to build community and confidence. Pantomime and improvisation activities lead the way into monologues and scene work. In the course, you will memorize at least one monologue and perform at least one scene. You must read plays and memorize lines. In addition, you must get up in front of the class and act!

1355	JOURNALISM	Grades 10 - 11	Credit: 1.00	Career Cluster #1, 4
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Journalism is a course designed for you if you are interested in aspects of the publications industry. You will develop your interviewing, pre-writing, revising, and copy-editing skills. You will learn how to write compelling headlines, cutlines, captions, and leads. You will write features, news, opinion, and sports stories while learning the design basics. While the course's primary focus is learning the fundamentals, you will be expected to participate in the creation of the online newspaper, the *Mountaineer*. Requirements for this course include participation outside of class time, communication skills, and technology proficiency.

1423	MODERN LITERATURE - CP (S) (NCAA)	Grade 12	Credit: 0.50	Career Cluster #1, 2, 3, 5
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This semester course focuses on relevant themes and styles in significant authors' works of the early twentieth century. Writers studied include Hemingway, Faulkner, Camus, Sartre, Joyce, and Miller. The course also emphasizes oral and written analysis. Several short papers and a culminating literary analysis project are undertaken. Skills emphasized include critical and independent reading, understanding plot structure, using and understanding figurative language, identifying literature themes, and various critical approaches.

1424	MYTH AND RITUAL IN WORLD LITERATURE - CP (S) (NCAA)	Grade 12	Credit: 0.50	Career Cluster #1, 2, 3, 5
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This course will provide an examination of the universal themes and ideas of mankind. It will take you on a journey into an exciting and mysterious world where you can expect to encounter gods, heroes, monsters, exotic countries, and amazing adventures. Instead of concentrating on the differences that separate cultures across the globe, it examines the similarities and the universal themes of the human experience. It will examine mythological stories from around the world. This course emphasizes oral and written analysis of literature. You will write several short papers that require considerable research. Skills emphasized include reading critically and independently, understanding plot structure, using and understanding figurative language, identifying themes in literature, proofreading, and oral reporting.

1357	PUBLIC SPEAKING, RHETORIC, AND DEBATE (S)	Grades 10-12	Credit: 0.50	Career Cluster # 1, 2, 3, 4, 5
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This course is designed to improve your oral communication skills. You will gain practical experience in many different forms of public speaking, such as informal discussion, extemporaneous and impromptu speaking, and informative, persuasive, and demonstrative presentations. Additionally, you will participate in a debate. Also emphasized will be nonverbal communication and the ethical issues of public communication. Speeches are required; you should expect to be videotaped for class instruction.

1141	READING/WRITING EDGE 9	Grade 9	Credit: 1.00
1142	READING/WRITING EDGE 9 (S)	Grade 9	Credit: 0.50

If you have been identified as needing additional instruction and guided practice with reading, writing, and language arts, this program is for you. If you have yet to reach proficiency on the state reading assessment and did not reach proficiency after completing Reading/Writing Edge 8, you will be assigned to Reading/Writing Edge 9. If you are new to the district, your placement will be determined by the state assessment (PSSA or other state assessment), CDT or STAR assessment data, or scores from the previous school. If you do not have a state assessment score, a pre-test will be given to determine eligibility. You will be placed in a full year of Edge if you have yet to reach proficiency on the PSSA in eighth grade. Additional criteria will be implemented if all sections become filled to determine eligibility. The purpose of the course is to give you an edge in your reading performance to help you meet Pennsylvania Academic Standards in reading and writing. Instruction will target reading comprehension and writing. You will also learn strategies to improve your academic performance in all subject areas.

1246	READING/WRITING EDGE	Grade 10	Credit: 1.00
1247	READING/WRITING EDGE	Grade 11	Credit: 1.00

NOTE: Reading/Writing Edge or Workshop is recommended for students in need of remediation.

This program is designed for you if you need additional instruction and guided practice with reading and language arts. If you have yet to reach proficiency on the PSSA or Keystone exam and did not reach proficiency after completing Reading/Writing Edge, you will be assigned to Reading/Writing Edge (1246/1247). The purpose of the course is to give you an edge in your reading performance to help you meet Pennsylvania Core Standards in reading and writing. Instruction will target vocabulary development, reading comprehension, and writing. You will also learn reading strategies to improve academic performance with subject-area material. If placed in Reading/Writing Edge, you will also be scheduled for English (1231/1331). The classes are scheduled together as a double-period block and provide you with intensive instruction in reading and writing.

1340	READING/WRITING WORKSHOP	Grade 12	Credit: 1.00
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NOTE: Reading/Writing Edge or Workshop is recommended for students in need of remediation.

This course focuses on improving your reading and writing skills through a workshop atmosphere as you continue to learn critical reading skills needed for future success. You are encouraged to choose your reading and writing topics following a guided choice of materials. You record your responses to your reading in a reading log. Writing assignments are developed as a result of your reading. You will learn grammar, spelling, and vocabulary in the context of individual writing and reading conferences.

1353	STUDIES OF SCIENCE FICTION LITERATURE - CP (S) (NCAA)	Grades 11 - 12	Credit: 0.50	Career Cluster #1, 2, 3, 5
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Aliens, Artificial Intelligence, and Body Modification. Who could ask for anything more? These are just a few of the fantastic themes, ideas, and concepts that you will explore when you enter our alternate universe -- of the Sci Fi class, of course. From short stories to film to video games, Science Fiction's influence on our society is undeniable. Be ready to join your classmates in an investigation of the most important concepts and controversies facing our time. What will the world look like when your kids are your age? Your grandkids? How long until A. I. claims that it has the right to vote? When will we finally travel to reach the stars? How long until we travel to the stars? Where are all of the aliens actually located? In this class, you will have the unique opportunity to explore the minds of some of the most progressive, futuristic thinkers and writers and attempt to match wits with them. Sign up now, and see how the greatest thinkers of our generation contend with our biggest problems.

Family & Consumer Science

The Family and Consumer Sciences are relevant to you! The content presented links core knowledge with skills and wisdom to help you successfully transition to self-sufficiency and adulthood. In addition, the curriculum addresses skills necessary to enhance your quality of life, improve your individual and family wellness, evaluate the quality of goods and services in meeting your needs, and provide awareness of your roles in influencing public policy.

6222	AMERICAN FOODS (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #4
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American Foods will introduce you to traditional influences on the cooking of regional American dishes and have you analyze those influences through recipe preparations. You will prepare, serve, and evaluate a wide variety of dishes typical to many regions of the United States. You will examine the history of American foods and discover the evolution of many regional dishes. You should have a good command of reading comprehension, grasp a working understanding of fractions, be a responsible team member, be capable of and willing to function in a safe and sanitary manner, and be capable of and willing to manage time.

6211	DISCOVERING FOOD	Grade 9	Credit: 1.00	Career Cluster #4
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This course recognizes the widespread need to improve the nutritional well-being of young people. It focuses on the relationship of food to health and changing lifestyles while emphasizing the fundamental areas of nutrition, consumer skills, and food preparation. Discovering Food also goes beyond these basics. It broadens your understanding of food's impact on your life, the diet/health link, and career options in the food and nutrition fields. You will be involved in the teamwork of planning and preparing foods. You will apply and observe the science of food and cooking, such as acid-base reactions and oxidation. You should have a good command of reading comprehension, grasp a working understanding of fractions, be a responsible team member, be capable of and willing to function in a safe and sanitary manner, and be capable of and willing to manage time.

6223	FOREIGN FOODS (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #4
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Foreign Foods will introduce you to various cuisines of the world. You will prepare, serve, and evaluate a wide variety of dishes characteristic of various cultures or regions of the world while discussing typical foods, ingredients, and cooking techniques. You should have a good command of reading comprehension, grasp a working understanding of fractions, be a responsible team member, be capable of and willing to function in a safe and sanitary manner, and be capable of and willing to manage time.

5550	THIS IS YOUR LIFE! (S) Course meets 3/6 days per cycle	Grade 9	Credit: 0.25
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****Required for Graduation****

In "This Is Your Life," you will explore adult life issues in work, finances, and family. You will study topics essential to adult life planning that contribute to positive personal development and support success in everyday life. You will engage in dialogue about the responsibility of work and critical considerations that lead to compatible lasting relationships and family development. You will learn to calculate your gross and net pay and explain the purpose of deductions and taxation. You will be able to explain and apply considerations when choosing financial institutions and engaging in financial transactions, including opening accounts, making deposits, writing checks, electronic banking, keeping a check register, and reconciling a bank statement. You will learn about credit, annual percentage rates, credit report monitoring, consumer rights, and protection against identity theft and credit fraud. You will also create a career plan using Smart Futures software.

Health & Physical Education

Health Education is a requirement in High School. You must earn a passing grade to meet graduation requirements. Health Education courses provide knowledge about health and wellness that leads to developing skills, attitudes, and behaviors conducive to overall physical, emotional, social, and mental well-being. Ultimately, health education promotes responsible decision-making that contributes to a healthy lifestyle. Physical education provides a coeducational, comprehensive program of lifetime and team sports and physical fitness activities. You must earn a passing grade in Physical Education each year to meet graduation requirements. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

5002	ADVANCED PHYSICAL EDUCATION 11-12 (S) Course meets 3/6 days per cycle	Grades 11 - 12	Credit: 0.25
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NOTE: Recommendation is necessary from the Physical Education department.

This course is for those who possess advanced skill levels. You will experience lifetime and team sports activities in a more competitive environment. Lifetime activities include tennis, table tennis, badminton, and weight training. Team options include softball, volleyball, ultimate frisbee, court hockey, soccer, flag football, and basketball. Additionally, you will experience a challenge-by-choice strategy in the adventure education component. Health-related fitness activities emphasizing muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated into this program. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

5755	FIRST AID/ATHLETIC TRAINING 1 (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #5
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This course is for those interested in learning first aid, anatomy, muscle mechanics, and the prevention and care of athletic injuries to the ankle, knee, shoulder, and neck. You will complete first aid and CPR/AED instruction and obtain certification in these areas. If you are interested in pursuing a career in Allied Health or the medical field, such as a physical therapist, nurse, athletic trainer, EMT, etc., this course applies to you.

5756	FIRST AID/ATHLETIC TRAINING 2 (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #5
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NOTE: Recommend the successful completion of First Aid/Athletic Training 1.

This semester course offers you the opportunity to learn prevention, care, and rehabilitation of athletic injuries to the hand, wrist, elbow, thorax, and foot. You will learn a curriculum containing content about human anatomy, exercise physiology, kinesiology, and the principles of strength development. Presented in an applied format, you can explore the curriculum in practical laboratory experiences.

5350	HEALTH (S) Course meets 3/6 days per cycle	Grades 10 - 12	Credit: 0.25
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**** Required for Graduation****

Health includes studying mental and emotional health, family and social health, personal health and physical activity, alcohol, tobacco, and other drugs.

5758	HEALTHY LIFESTYLES (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #4, 5
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NOTE: This course may be used to fulfill the annual required PE credit.

This course focuses on improving quality of life through physical fitness and healthy lifestyle choices. It promotes a safe environment that encourages diversity amongst its members. The Healthy Lifestyles course provides a safe and healthy atmosphere for all students to sample new activities. Students will have the opportunity to engage in healthy behaviors, enabling them to make healthy lifestyle changes.

5710	INTRODUCTION TO ALLIED HEALTH	Grades 9 - 12	Credit: 1.00	Career Cluster #4, 5
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This course provides a foundation for those interested in Allied Health careers. Career clusters explored include rehabilitation, laboratory science, nursing, medical, dental, animal, mental and social health, imaging, and emergency health. You will explore various career opportunities, learn about technical skills used in the Allied Health professions, visit local medical clinics, and participate in numerous hands-on activities related to the health field. Upon successfully completing this course, you may pursue advanced courses designed to prepare you for careers in the Allied Health field. This course is strongly recommended if you are considering attending the Health Occupations Program area as a tenth grader at MCTI.

5003	LOW IMPACT PHYSICAL EDUCATION (S) Course meets 3/6 days per cycle	Grades 10 - 12	Credit: 0.25
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This course combines lifetime activities and health-related fitness components emphasizing lifelong wellness. Adventure education, a challenge-by-choice component, promotes skills development through group activities. Lifetime activities include tennis, table tennis, badminton, aerobics, weight training, power walking, and interval training. In addition, health-related fitness activities, with an emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated into this program. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

5001	PHYSICAL EDUCATION 9 (S) Course meets 3/6 days per cycle	Grade 9	Credit: 0.25
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Physical Education is a comprehensive program that includes lifetime, team, and fitness activities. Physical Education is a requirement every year, and you must achieve a passing grade to fulfill graduation requirements. The ninth-grade course emphasizes personal fitness and growth. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

5001	PHYSICAL EDUCATION 10-12 (S) Course meets 3/6 days per cycle	Grades 10 - 12	Credit: 0.25
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This course includes team and lifetime sports activities emphasizing skill development and application to promote lifetime wellness. Adventure education, a challenge-by-choice component, is used to promote skills development through group activities. Lifetime activities include tennis, table tennis, badminton, aerobic fitness, weight training, and low-impact activities such as power walking and aerobics. Team options include softball, volleyball, ultimate Frisbee, and court hockey. Health-related fitness activities, with an emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated into this program. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

5759	STRENGTH & CONDITIONING (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #5
5760	STRENGTH & CONDITIONING	Grades 10 - 12	Credit: 1.00	Career Cluster #5

NOTE: Recommendation is necessary from the Physical Education department. This course may be used to fulfill the annual required PE credit.

This course is available for those who have or will participate on a Stroudsburg sports team. The Strength and Conditioning course will help produce a stronger, faster, leaner student-athlete. Day-to-day exercise, weight training, and cardiovascular development will allow you to maximize your athletic potential. In addition, health-related fitness activities, with emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated into the program. You will learn the importance of participation in a lifelong sport while achieving the health benefits of physical activity. Fitness tests are mandatory and measured according to the Presidential Physical Fitness Program standards.

Mathematics



Stroudsburg Area School District Math Progression

Below are suggested course progressions, but they can be modified to suit student needs as necessary. Algebra 2 and Geometry may be taken concurrently to accelerate the course progression.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
HONORS	Honors Geometry <small>*Student must have taken Algebra 1 in grade 7</small>	Honors Algebra 2	Honors Algebra 3 & Trigonometry or Honors Pre-Calculus	Honors Pre-Calculus ----- AP Calculus AB <small>*Honors Statistics may be taken concurrently</small>	AP Calculus AB ----- AP Calculus BC <small>*Honors Statistics may be taken concurrently</small>
	Algebra 1	Honors Geometry	Honors Algebra 2	Honors Algebra 3 & Trigonometry or Honors Pre-Calculus	Honors Pre-Calculus ----- AP Calculus AB <small>*Honors Statistics may be taken concurrently</small>
CP	Math 8	CP Algebra 1	CP Geometry	CP Algebra 2	CP Discrete Math & Trigonometry or CP Algebra 3 & Trigonometry or CP Transitions to College Math
CORE	Math 8	Algebra 1 A	Algebra 1 B	Algebra 2	Geometry

The Math department offers a variety of courses to meet your needs. While some of our course selections, such as Advanced Placement (AP) and Honors (H) courses, are designed for those with exceptional mathematical ability and work ethic, all of the courses in the department provide the foundational math skills necessary for success. There are a variety of course offerings in mathematics to help students find the course that meets their mathematical needs and future aspirations.

Your recommended mathematics course sequence strongly encourages two years of Algebra and a Geometry course before your senior year. There are many reasons for this design, but the most important is that your success beyond high school has been directly linked to completing Algebra I and Algebra II coursework. In order to ensure success on the ACT, Algebra I Keystone Exam, ASVAB, SAT, and other exams, you need to be as well-prepared as possible. The courses offered align with the state standards, focusing on the state anchors/eligible content. It is highly recommended that you have your own scientific calculator to use daily. Upon the start of a course, the instructor will clearly communicate the classwork and homework expectations.

3140	ALGEBRA 1A (NCAA - .5 credit)	Grade 9	Credit: 1.00
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In this course, you will perform operations with real numbers, solve and graph equations, including functions and inequalities, and analyze data. You will gain critical thinking and problem-solving skills that will prepare you for future mathematics courses as well as many careers. Students will use calculators and computer software in appropriate places in this course of study. A scientific calculator will be provided to use in class.

3230	ALGEBRA 1B (NCAA - .5 credit)	Grade 10	Credit: 1.00
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NOTE: Algebra 1A is a prerequisite. Additionally, all students taking this course will take the Algebra 1 Keystone Exam in the Spring.

This course will cover the second half of the Algebra 1 curriculum. The content will include work with linear and polynomial expressions, factoring polynomials, solving equations and inequalities in both one and two variables, graphing linear equations, and systems of simultaneous equations. Related skills, calculator use, and concept development will be integrated throughout the course. Students will use calculators and computer software in appropriate places in this course of study. A scientific calculator will be provided to use in class.

3450	ALGEBRA 1 KEYSTONE REMEDIATION	Grades 10-11	Credit: 0.50
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This course will provide explicit instruction based on an area(s) of deficiency defined by your previous score on the State-required Algebra 1 Keystone Exam. This course means you have not yet met the proficiency standards on the Algebra 1 Keystone Exam. Students who have yet to demonstrate proficiency in the Algebra 1 state standards will be scheduled in this course and will retake the Algebra I Keystone exam. This course is graded pass/fail.

3120	ALGEBRA 1 – CP (NCAA)	Grade 9	Credit: 1.00
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NOTE: All students taking this course will take the Algebra 1 Keystone Exam in the Spring.

This course emphasizes working with linear and quadratic expressions, factoring polynomials, solving equations and inequalities in both one and two variables, solving simple quadratic equations, graphing linear equations and systems of simultaneous equations, and writing equations given applied descriptions, graphs, or two points. Related skills and concept development will be integrated throughout the course. Calculators and computer software will be used in appropriate places in this course of study, and a scientific calculator is highly recommended.

3110	ALGEBRA 2 - H (NCAA)	Grades 9 - 10	Credit: 1.00
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NOTE: Algebra 1 is a prerequisite.

This course is a continuation of Algebra 1. The emphasis is on systems of linear equations and inequalities, equations in three variables, solving quadratic equations by various methods, graphing quadratic functions, complex numbers, and working with radical and rational expressions. Additional topics include logarithms, linear programming, and the graphing calculator. Computer software will be used at appropriate places in this course of study, and a scientific calculator is highly recommended.

3220	ALGEBRA 2 – CP (NCAA)	Grades 10-11	Credit: 1.00
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NOTE: Algebra 1 CP, Geometry CP, or Algebra 1B with teacher recommendation is a prerequisite.

This course is a continuation of Algebra 1. The emphasis is on the Algebra 1 fundamentals, first-degree equations and inequalities in two variables, solving quadratic equations, graphing quadratic functions, complex numbers, and working with radical and rational expressions. A scientific calculator is highly recommended. The final course grade will be a major consideration for placement in Algebra 3, Discrete, or Transition.

3430	ALGEBRA 2	Grades 10-12	Credit: 1.00
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NOTE: Algebra 1B or Algebra 1 CP is a prerequisite.

You will review Algebra I skills and work with linear inequalities and functions, quadratic functions, non-linear relations, systems of equations, and probability and statistics. You will apply algebraic concepts by writing equations to real-world model problems. You will graph linear functions from real-life data and analyze slopes to make predictions, such as future profit for a company. The use of calculators, computer software, and practical applications will be integrated throughout the course. It is strongly recommended that you have a scientific calculator for this course.

3423	ALGEBRA 3 & TRIGONOMETRY – H (NCAA)	Grades 10-12	Credit: 1.00
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NOTE: Algebra 2 H and Geometry H are prerequisites. Algebra 2 CP and Geometry CP with teacher recommendations are prerequisites. A scientific calculator is required.

This course is for students interested in post-secondary education who are planning on pursuing careers in mathematics or science-related fields. You must have a strong Algebra 2 background as we will emphasize advanced algebra and graphing skills with polynomial, exponential, logarithmic, and trigonometric functions. You will experience a greater emphasis on the application of concepts and trigonometry concepts, including, but not limited to, graphing sine and cosine curves. You will be using graphing calculators throughout the course. You will develop conceptual and analytical skills, including, but not limited to, exponential growth and decay models, compound interest, and graphical representations of real-world scenarios. You can apply these mathematical concepts in careers such as medicine, science, engineering, actuarial science, and finance.

3420	ALGEBRA 3 & TRIGONOMETRY – CP (NCAA)	Grade 12	Credit: 1.00
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NOTE: Algebra 2-CP/H and Geometry-CP/H are prerequisites.

This course is for students interested in post-secondary education who are planning on pursuing careers in mathematics or science-related fields. You must have a strong Algebra 2 background, as we will emphasize advanced algebra and graphing skills with polynomial, exponential, logarithmic, and trigonometric functions. You will be using graphing calculators throughout the course. You will develop conceptual and analytical skills, including, but not limited to, exponential growth and decay models, compound interest, and graphical representations of real-world scenarios. You can apply these mathematical concepts in careers such as medicine, science, engineering, actuarial science, and finance.

3400	AP CALCULUS AB (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #2, 3, 5
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NOTE: Pre-Calculus-H is a prerequisite. A scientific calculator is required.

This course will include fundamental calculus skills needed for the AP Calculus AB Exam given in May. Topics will consist of differential calculus rules, applied problems on related rates and curve sketching, integration rules, finding the area under a curve, applied problems of integration, finding volumes of solids of revolution, and other integration rules and techniques. Graphing calculators and computer software, when available, will be integrated throughout the course. A scientific calculator is required, but a graphing calculator is preferred. This course requires you to have a solid background in Pre-Calculus. You should expect to spend a minimum of 45-60 minutes per day on homework. This course expects you to regularly discuss and demonstrate the solutions to assigned problems. Students are expected to take the AP exam.

3401	AP CALCULUS BC (NCAA)	Grade 12	Credit: 1.00	Career Cluster #2, 3, 5
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NOTE: AP Calculus AB is a prerequisite. A graphing calculator is required.

This course is a continuation of AP Calculus AB and is only offered to you if you have very successfully completed AP Calculus AB during your junior year. The course will include fundamental calculus skills needed for the AP Calculus BC Exam given in May. Topics will include a review of derivative and integral formulas; integral applications; parametric equations and polar coordinates; sequences and infinite series; vector functions; and elementary differential equations. Students are expected to take the AP exam.

3421	DISCRETE MATHEMATICS & TRIGONOMETRY – CP (NCAA)	Grade 12	Credit: 1.00
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NOTE: Algebra 1-CP, Geometry-CP, and Algebra 2-CP are prerequisites.

“Discrete” is defined as “individually separate and distinct.” In this course, each unit of study is unrelated to the previous. This course is for post-secondary students who are not planning on pursuing careers in mathematics, computer science, or science fields. Strong algebra skills, like solving multi-step equations and graphing lines, are required for this course. You will study arithmetic, geometric sequences and series, statistics, and probability. You will explore trigonometric functions, right triangle trigonometry, and trigonometric identities. You will also study systems of equations in two and three variables, linear programming, and matrix operations. It is strongly recommended that you have a scientific calculator as it will be used throughout the course.

3441	FUNDAMENTALS OF MATHEMATICS	Grade 12	Credit: 1.00
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NOTE: This course is intended ONLY for a student where the sequence of courses prevents them from doubling up in math in grades 11 or 12, and no other course is available to them. Guidance/administration recommendation required.

This course may be used to fulfill the math graduation requirement only if you have already enrolled in a geometry or algebra course. A scientific calculator is required. This course reviews basic math concepts, including ratios and proportions, fractions, decimals, and percents, focusing on calculator skills. During the year, you will also learn and review Pre-Algebra, basic Algebra, and basic Geometry concepts.

3210	GEOMETRY – H (NCAA)	Grades 9 - 11	Credit: 1.00
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NOTE: Algebra 1 is a prerequisite.

This course is an introduction to Geometry with an emphasis on definitions, theorems, and postulates dealing with lines and planes. Proofs written in various styles, congruence and similarity of figures, basic triangle trigonometry, geometric equalities and inequalities, simple logic, constructions of geometric figures, and measurement of segments, angles, area, and volume are emphasized. Computer software will be used at appropriate places in this course of study, and a scientific calculator is highly recommended.

3320	GEOMETRY - CP (NCAA)	Grades 9 - 11	Credit: 1.00
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NOTE: Algebra 1 is a prerequisite.

This course is an introduction to geometry with an emphasis on definitions, theorems, and postulates dealing with lines and planes. Proofs written in various styles, congruence and similarity of figures, basic triangle trigonometry, geometric equalities and inequalities, simple logic, constructions of geometric figures, and measurement of segments, angles, area, and volume are emphasized. Computer software will be used in appropriate places in this course of study, and a scientific calculator is highly recommended.

3330	GEOMETRY	Grade 12	Credit: 1.00
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NOTE: Algebra 1B is a prerequisite.

You will learn about lines, planes, shapes, and all their properties. Problems with congruence and similarity of figures, geometric equalities and inequalities, simple logic, measures of segments and angles, area, and volume are the topics that are emphasized. Integrated throughout the course, you will work with fundamental operations on whole numbers, fractions, and decimals. The use of calculators and computer software will be used where appropriate, and a scientific calculator is recommended.

3424	NCC COLLEGE READINESS MATH	Grade 12	Credit: 1.00
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NOTE: Algebra 1, Algebra 2, Geometry, and teacher/guidance/administrative recommendation are required.

This is a senior-only course. You will review Algebra basics to prepare to transition from high school to college. This class will review and strengthen the following topics: basic skills with rational numbers, solving linear, polynomial, absolute value, and radical equations, ratios, inequalities, and graphing functions; problem-solving, solving systems of linear equations and inequalities; simplifying and operations of exponents, factoring polynomials, simplifying radical and rational expressions. You will only be permitted the use of a basic 4-function calculator.

ADDITIONAL COURSE INFORMATION: You will be completing the curriculum of Northampton Community College courses: MATH 022 (Elementary Algebra) and MATH 026 (Intermediate Algebra). NCC will acknowledge the completion of MATH 022 for students who score 73% or higher in the class AND score 73% or higher on the NCC MATH 022 final exam. NCC will acknowledge the completion of MATH 026 for students who score 73% or higher in the class AND score 73% higher on the NCC MATH 026 final exam.

3310	PRE-CALCULUS – H (NCAA)	Grades 10 - 12	Credit: 1.00	Career Cluster #2, 3, 5
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NOTE: Algebra 2 H or Algebra 3 & Trigonometry H and Geometry H are prerequisites. A graphing calculator is strongly recommended.

In this course, you will combine prior knowledge from your previous Algebra and Geometry classes to further emphasize advanced Algebra skills. You will learn how to solve and graph polynomials, rationals, exponential, logarithmic, and trigonometric functions. You will learn to solve equations in three variables with matrix methods. You will experience a thorough integration of graphing utilities to explore mathematical concepts. While a scientific calculator is required, and a graphing calculator is strongly suggested. In this course, you will be introduced to Calculus concepts. Since this course is to prepare you for AP Calculus AB, you should expect to spend a minimum of 30-45 minutes per day on homework. As a student in this course, you should be highly dedicated and self-motivated.

3410	STATISTICS & PROBABILITY - H (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #2, 3, 5
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NOTE: Pre-Calculus H is a prerequisite.

In this course, you will experience an introduction to statistics and the methods of both descriptive and inferential statistics. Topics you will study will include population sampling methods, an introduction to probability, and the study of discrete and continuous random variables, especially the Normal distribution and the ideas of the Central Limit Theorem. In addition, you will practice both numeric and graphical presentations of data and correlation and regression analysis for descriptive statistics. You will be introduced to inferential statistics methods and study the concepts of confidence intervals and hypothesis testing. The use of a TI83/84 graphing calculator and computer software such as Excel will be integrated throughout the course.

3422	TRANSITION TO POST SECONDARY MATHEMATICS – CP (NCAA)	Grade 12	Credit: 1.00
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NOTE: Algebra 1, Algebra 2, Geometry, and teacher/guidance/administrative recommendations are required.

This is a senior-only course. You will review Algebra and calculator basics, including fractions and exponential notation, as well as ratios, proportions, and percentages as they relate to solving percent word problems. Other topics you will explore include: measurement and problem solving with two and three-dimensional geometric objects; applications of percent, including simple and compound interest, credit card usage, formulas for purchasing a home, etc.; sets and logic; probability and statistics; review of solving systems of linear equations and inequalities by various methods; geometry review, including right triangle and introductory trigonometry. You will use calculators and computer software in appropriate places in this course.

Music

The Music Department offers full academic credit for Concert Band, Concert Choir, and String Orchestra. Semester credit is available for Beginning Music Theory and Piano/Guitar. In addition, honors credit is available to recommended seniors participating in Concert Band 2, Orchestra 2, Concert Choir, and recommended juniors and seniors taking Advanced Placement Music Theory. Any of these courses will help fulfill the arts/humanities requirements for graduation.

6309	9TH GRADE BAND	Grade 9	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Eighth-grade band and recommendation of the Band Director(s) are required.

Being educated through music will elevate any subject or field you pursue. As a ninth-grade concert band member, you will develop many skills necessary to succeed in college and the workplace. These skills include problem-solving, decision-making, building self-confidence and self-discipline, teamwork, communication, responsibility, commitment, and desire for excellence. The ninth-grade concert band rehearses every day and performs at three concerts throughout the school year. You will perform various styles of music, including movie soundtracks, rock, pop, jazz, and classical. We will continue developing your playing technique and work on more mature musical elements, including tone quality, ensemble balance, blend, and intonation. Participation in this course is a necessary eligibility requirement to be considered for Honor Concert Band at the High School. Being a ninth-grade concert band member will benefit you whether your future includes college, the military, or a technical career.

6320	9TH GRADE CONCERT CHOIR	Grade 9	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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Ninth Grade Concert Choir is open to those who enjoy singing and would like to develop their singing skills and musicianship. A variety of music will be learned as well as techniques of vocal production and music reading. This ensemble will present three concerts during the year. Members are eligible to audition for several extracurricular ensembles and activities, including Show Choir, Select Choir, and the District musical. Advanced singers are also eligible to audition for PMEA District 10 Chorus. You should see the director for more information. Participation in this course is required for Honors Chorus eligibility in twelfth grade.

6330	9TH GRADE ORCHESTRA	Grade 9	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Eighth-grade orchestra and recommendation from the orchestra director is required.

Musical studies prepare students for any chosen career path in terms of the skills they teach: Discipline, Teamwork, Critical Thinking, World Language, Problem Solving, to name a few. Ninth Grade Orchestra meets every day and will continue to build on musical skills already introduced to you in the 8th grade. You will learn more advanced rhythms and aspects of technique, including vibrato, intonation, tone, higher positions, increased independence and blend in ensemble playing, and more difficult musical literature. You will play music written by classical masters as well as many other genres of music. Three public concerts will be presented as a demonstration of these skills. Participation in this course during ninth grade is a necessary eligibility requirement to be considered for Honors Orchestra during your senior year.

6350	AP MUSIC THEORY	Grades 10 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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This one-year course is designed expressly for the serious student who wishes to pursue music or musical performance on the college or professional level. The course content includes history, theory, analysis, composition, conducting, performance techniques, and career orientation. Heavy emphasis in this curriculum focuses on music theory and ear training (aural skills). Students are expected to take the AP exam at the end of the course.

6340	BEGINNING MUSIC THEORY - CP (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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This music course is for those who would like to read music better, understand key signatures, chords, rhythm reading, and other aspects of music theory and apply it to your instrument. You will also be exposed to a number of sight-reading experiences to strengthen your musical ability.

6341	BEGINNING PIANO KEYBOARD, ACOUSTIC GUITAR (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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This music course is for those interested in current musical trends. A great emphasis is placed on learning to play piano keyboards, and acoustic guitar. No previous musical experience is required for this class, but a level of music reading will be accomplished by the end of the semester.

6310	CONCERT BAND 1	Grade 10	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: 4 years of ensemble experience or the equivalent and recommendation of the Band Director(s) are required.

As a member of Concert Band 1, you will continue to develop individual performance skills as well as ensemble performance skills through a varied repertoire of exercises, methods, and performance pieces. By the end of the year, the goal is to consistently be able to perform at least grade 4 material and to continue to develop a lifelong love and appreciation for music. Membership in Concert Band 1 is obtained by having fifth through ninth-grade band experience, or the equivalent, as a prerequisite. In addition, membership in Concert Band 1 is maintained by recommendation of the band director(s), based on your level of performance of the required fundamentals of music. Your participation in this course during tenth grade is a necessary eligibility requirement for consideration for Honors Concert Band during your Senior year.

6312	CONCERT BAND 2 – H	Grade 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Concert Band 1 (Grade 10), Concert Band 2 (Grade 11), and recommendation of the Band Director(s) are required.

Honors credit for Concert Band 2 provides an enrichment program for you. This enrichment program will include the preparation and performance of solo and small ensemble literature, successful preparation and performance at district band auditions, and the performance of an end-of-year honors recital along with an end-of-year self-directed project.

6311	CONCERT BAND 2	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Concert Band 1 and recommendation of the Band Director(s) are required.

As a member of Concert Band 2, you will continue to develop and maximize your individual performance skills as well as ensemble performance skills through a varied repertoire of exercises, methods, and performance pieces. By the end of the year, the goal is to consistently be able to perform at least fifth-grade material and to continue to develop a lifelong love and appreciation for music. Membership in Concert Band 2 is obtained by having fifth through tenth-grade band experience, or the equivalent, as a prerequisite. In addition, membership in Concert Band 2 is maintained by recommendation of the band director(s), based on your level of performance of the required fundamentals of music. Concert Band 2 is the culmination of the Band Program for the District and requires you to perform at the highest level. Your participation in this course during eleventh grade is a necessary eligibility requirement for consideration for Honors Concert Band during your senior year.

6323	CONCERT CHOIR – H (S)	Grade 12	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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Honors credit provides an enrichment program for those enrolled in Concert Choir. This enrichment program includes successful preparation and performance of the PMEA District 10 Chorus audition piece, preparation and written analysis of solo vocal repertoire, research in vocal health, and preparation of an appropriate vocal solo for performance in the annual Music Department Honors Recital.

6321 6324 6325	CONCERT CHOIR	Grades 10 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: A minimum of two years of choral ensemble experience in a choral program, or approval of the choir director is required.

Concert Choir will be a multi-graded choral experience. You should have a minimum of two years of choral ensemble experience to participate in this choir. A variety of music will be learned along with techniques of vocal production and music reading. This ensemble will present three to four concerts each year. There will be additional opportunities for community performances and small ensemble experiences. Advanced singers are eligible for participation in district, regional, and state festivals. The Chorale and Show Choir provide extra-curricular opportunities for members of the Concert Choir, who are selected by audition in the spring of each year. You should see the choir director for more information. Participation in this course during tenth and eleventh grades is a requirement for consideration for Honors Concert Choir during your senior year.

6322	CONCERT CHOIR (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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NOTE: A minimum of two years of choral ensemble experience in a choral program or approval of the choir director is required.

This semester course is for those with no room in their schedule for a full-year Concert Choir. You will meet with the regular full-year Concert Choir and participate in all choral activities during the scheduled semester.

6331	ORCHESTRA 1	Grade 10	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: All students taking this course will have completed at least 5 years of Orchestra or the equivalent and will be recommended by the Orchestra Director.

By taking Orchestra 1 in tenth grade, you will further your orchestral experience and learn new skills through a literature-based ensemble. Whatever your future plans include, Orchestra 1 is an excellent choice to help you develop great teamwork skills, build self-discipline and self-confidence, and demonstrate your dedication to seeing a project through to the end! Orchestra 1 meets daily for one full class period. You will be grouped for lessons which are offered once every six-day cycle. You will enjoy performing with your peers at the first two concerts of the year and with the 11th and twelfth-grade orchestra students for the final concert. The repertoire you will work on will be more complex and involved than in the ninth-grade orchestra. There will be an emphasis on expanding your musical toolbox with scale skills, shifting into higher positions, developing a more even vibrato, and learning to count and play more intricate rhythms. You will be expected to practice your instrument at home to facilitate more effective rehearsal time with the entire group.

6333	ORCHESTRA 2 - H	Grade 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: All students taking this course will have completed the requirements for Orchestra 2 in addition to having already prepared and auditioned for PMEA District 10 Orchestra at least once before taking this class.

If you are taking Orchestra 2H, you are a senior looking for more opportunities to further your playing and performing abilities. You will be completing all of the requirements for Orchestra 2 in addition to these requirements for honors credit: You are willing to work hard to prepare the scales and the solo required for the PMEA District 10 Orchestra audition. You are thinking of creative ways to prepare and present your Composer Profile project. You are looking forward to the spring Senior Honors recital, where you will play a solo piece for an audience of your peers. Being in Orchestra 2 H will further build teamwork and commitment skills that will take you far no matter what you plan to do after graduation.

6332 6334	ORCHESTRA 2	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: All students taking this course will have completed at least 6 years of Orchestra or the equivalent and will be recommended by the Orchestra director.

As an eleventh or twelfth-grader, Orchestra 2 is the next logical step in your school orchestra experience. By now, you have finely honed many skills and are prepared to tackle even more challenging pieces of music. You have worked with your grade-level classmates and will now be a member of a bigger, more advanced ensemble that includes eleventh and twelfth-graders. Orchestra 2 meets daily for one class period. You will be performing at 3 concerts throughout the year. Emphasis will be placed on playing more difficult music with a more mature musical approach. You will be expected to practice your instrument at home to facilitate more effective rehearsal time with the entire group. Orchestra 2 will further build teamwork and commitment skills that will take you far no matter what you plan to do after graduation.



Stroudsburg Area School District Science Progression

Below are suggested course progressions, but they can be modified to suit student needs as necessary. Grades 9-12 science electives may be taken concurrently.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
HONORS	Advanced Earth & Space Science	Honors Physical Science and Honors Biology	Honors Chemistry	AP/H/CP Science Elective	AP/H/CP Science Elective
		Honors Physical Science	Honors Biology <small>*Honors Chemistry can be taken concurrently</small>	Honors Chemistry	AP/H/CP Science Elective
CP	Earth & Space Science	CP Physical Science	CP Biology	CP Chemistry	CP Science Elective
CORE	Earth & Space Science	Physical Science	Biology	Chemistry	Science Elective

The Science Department strongly encourages you to take more than one science course per year in grades 9 through 12. A variety of science classes and electives allows you to customize your science program depending on your intended course of study in college. The science department at Stroudsburg Senior High School aims to give you the opportunity to gain background knowledge in the biological and physical sciences. Skills and knowledge gained through the provided science courses will allow you to succeed at the collegiate level or chosen career path, gain a broad understanding of the world around you, and become a citizen able to make well-informed decisions about societal and technological issues. If recommended to complete a science course with a lab, the class will meet every day per six-day cycle and additional days for an additional period in the six-day cycle. Upon successfully completing the course, you will be awarded 1.16-1.50 credits, depending on the class. One credit will be used to fulfill the required science course for graduation, and the extra credit will be used to satisfy elective credit.

Note: All students taking Advanced Placement or Honors courses may be expected to complete required summer work. See course instructor for details.

4315	ANATOMY AND PHYSIOLOGY - H (L) (NCAA)	Grades 10 - 12	Credits: 1.333	Career Cluster #3, 4, 5
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	Course meets 8/6 days per cycle			
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NOTE: Recommend the successful completion of Physical Science and Biology.

This course is for seniors and underclassmen interested in entering the fields of nursing, medicine, and biology. Classwork involves the study of topics such as biochemistry, cytology, histology, and anatomy and physiology of the human body. You should have mastery of biochemistry (including but not limited to carbohydrates, lipids, proteins, and nucleic acids) and cell biology (including but not limited to functions of cellular organelles, cellular transport, and protein synthesis). Laboratory work consists of using the microscope to study cells and tissues, experiments in biochemistry, and dissection of the cat and various sheep organs. Seniors will receive priority in scheduling for this course.

4325	ANATOMY AND PHYSIOLOGY - CP (NCAA)	Grades 10 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Physical Science and Biology.

This course is for those interested in anatomy and physiology. Classwork involves the study of biochemistry, cytology (cells), histology (tissues), and anatomy and physiology of the human body. Laboratory work includes the use of the microscope, studying cells and tissues, experiments in biochemistry, and the dissection of a cat and various sheep organs. Seniors will receive priority in scheduling the course.

4415	AP BIOLOGY (L) (NCAA) Course meets 8/6 days per cycle	Grades 11 - 12	Credits: 1.333	Career Cluster #3, 4, 5
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NOTE: Biology-CP/H is a prerequisite. Recommend the successful completion of Anatomy & Physiology and Chemistry 1 before or concurrently.

The AP Biology course is designed to be the equivalent of a college introductory biology course, usually taken by biology majors during their first year. This course is to be taken after the successful completion of a first course in biology and one in chemistry or concurrent. The key concepts and related content that define the AP Biology course and exam are organized around underlying principles called the Big Ideas, which encompass the core scientific principles, theories, and processes governing living organisms in biological systems. Big Idea 1: Evolution, Big Idea 2: Cellular Processes: Energy and Communication, Big Idea 3: Genetics and Information Transfer, and Big Idea 4: Interactions. The AP Biology course enables you to develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, connecting concepts, and analyzing data. The result will be readiness to study advanced topics in subsequent college courses. If you are interested in this course, you should be a successful independent learner with a strong interest in the field of biology. Students are expected to take the AP exam.

4405	AP CHEMISTRY (L) (NCAA) Course meets 8/6 days per cycle	Grades 11 - 12	Credits: 1.333	Career Cluster #3, 4, 5
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NOTE: Chemistry 1-H is a prerequisite.

The topics of this course include chemical bonding, molecular geometry, valence bond theory, molecular orbital theory, intermolecular forces, equilibria, solution chemistry, kinetics, acids and bases, entropy, free energy, electrochemistry, coordination chemistry, nuclear and organic chemistry. This course is a continuation of the Chemistry 1 Honors course, emphasizing laboratory practices and procedures. You will require a high level of mathematical proficiency and should anticipate a challenging workload. Laboratory classes meet two times during each cycle for double periods. Students are expected to take the AP exam.

4316	AP ENVIRONMENTAL SCIENCE (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Biology 1 and Chemistry 1 are prerequisites.

The AP Environmental Science course is designed to be the equivalent of an introductory, one-semester environmental college course. This course provides you with instruction regarding scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems, both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The topics covered include energy flow in ecosystems, human disturbances, environmental problems and their cultural/social context, the earth as an interconnected system, and achieving sustainable resource use. Students are expected to take the AP exam.

4401	AP PHYSICS C (L) (NCAA) - Electricity & Magnetism and Mechanics Course meets 8/6 days per cycle	Grade 12	Credits: 1.333	Career Cluster #3, 4, 5
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NOTE: Physics 1-H and Calculus (may take concurrently) are prerequisites.

This course is structured to prepare you to take the Physics B or C - Advanced Placement exam. It is a college-level course that normally forms the first part of the college sequence and serves as the foundation in physics if you are majoring in the physical sciences or engineering. Calculus methods are used wherever appropriate in formulating physical principles and applying them to physical problems. You will experience a strong emphasis on solving various challenging problems and analysis in the laboratory and the classroom. Roughly the first half of the year is devoted to classical mechanics and the second half to electricity and magnetism. You will learn special relativity and quantum topics interspersed throughout the course. Students are expected to take the AP exam.

4210	BIOLOGY - H (NCAA) Course meets 9/6 days per cycle	Grades 9 - 10	Credit: 1.50
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NOTE: Recommend Physical Science if not taken concurrently. All students taking this course will take the Biology Keystone Exam in the Spring.

The Honors Biology curriculum parallels the course description for Biology as listed below, with several exceptions. If you are taking the Honors curriculum, you should expect a more rigorous and in-depth approach to biology to help prepare you for more advanced classes in biology, such as Honors Anatomy and Physiology or AP Biology. You will perform several lab activities beyond the general biology curriculum. In addition, a research paper or project may be required.

4220	BIOLOGY - CP (NCAA) Course meets 9/6 days per cycle	Grade 10	Credit: 1.50
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NOTE: Recommend Physical Science if not taken concurrently. All students taking this course will take the Biology Keystone Exam in the Spring.

This Biology curriculum meets or exceeds state-mandated standards as dictated by the Pennsylvania State Standards and assessment by the Keystone Exam for Biology. You will learn the characteristics all life has. Further study will continue with biochemistry and an in-depth study of the cell, homeostasis, and cell division. Cellular respiration and photosynthesis are compared and contrasted as important cell activities. You gain exposure to current cutting-edge topics and bioethical issues such as stem cells, cloning, and cancer. Studies will continue with a detailed understanding of DNA, basic genetics, human genetics, and biotechnology and their impact on society. These units lead to a study of evolution where natural selection and the theory of evolution are introduced. You will participate in lab work to reinforce concepts taught in class. You will review and prepare for the Keystone Biology exam throughout the entire course and directly before the test.

4230	BIOLOGY Course meets 9/6 days per cycle	Grade 10 (Grades 11-12 as needed)	Credit: 1.50
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NOTE: Recommend Physical Science if not taken concurrently. All students taking this course will take the Biology Keystone Exam in the Spring.

This Biology curriculum meets or exceeds state standards, focusing on the Pennsylvania standards and eligible content. as assessed by the Biology Keystone Exam. You will understand the goals of science and the importance of studying life. A study of the interactions of life within ecosystems, populations, resources, and human interactions will be a major focus of the course. You will learn about the chemical basis of life, cell structure and function, homeostasis, and cell division. Cellular respiration and photosynthesis will be compared and contrasted as important cell activities. Additionally, you will explore current cutting-edge topics and bioethical issues such as stem cells, cloning, and cancer. Studies will continue to develop a detailed understanding of DNA, basic genetics, human genetics, and biotechnology and their impact on society. These units lead to a study of evolution where you study natural selection and the theory of evolution. Review and preparation for the Keystone Biology exam will be reinforced throughout the entire class and directly before the test. Lab work and the use of technology are presented to reinforce concepts taught in class.

4250	BIOLOGY KEYSTONE REMEDIATION	Grades 10 - 12	Credit: 0.25
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This course provides explicit instruction to you based on an area(s) of deficiency defined by your previous score on the State required Biology Keystone Exam. Students who have yet to demonstrate proficiency of the biology state standards will be scheduled in this course and will retake the Biology Keystone exam. This course is graded pass/fail.

4310	CHEMISTRY 1 - H (L) (NCAA) Course meets 7/6 days per cycle	Grades 10 - 12	Credit: 1.167
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NOTE: Recommend the successful completion of Physical Science and Biology or taking Honors Biology concurrently. In place of Algebra 2 CP, students may take Algebra 2 H concurrently with this course.

The Chemistry I Honors course is the first half of the Advanced Placement Chemistry curriculum as set forth by the College Board. This course is for those planning on majoring in science or a related area. Chemistry I Honors serves as a prerequisite for AP Chemistry. The curriculum includes an in-depth study of the following topics: matter, classification and description, measurement, mathematical concepts applicable to chemistry, atomic theory and structure, chemical formulas and nomenclature, mass and energy relationships in reactions, reactions in aqueous media, gasses, thermochemistry, quantum theory, and periodic relationships of the elements. This course places extra emphasis on rigorous mathematical and chemical applications. Laboratory sections meet once per cycle for two consecutive periods.

4320	CHEMISTRY 1 - CP (NCAA)	Grades 10 - 12	Credit: 1.00
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NOTE: Recommend the successful completion of Physical Science and Biology or Biology concurrent with Chemistry 1 CP, Algebra 1 CP, or taking Algebra 2 CP concurrently.

Chemistry I is a college preparatory course that introduces chemical theories, including atomic structure, quantum theory of atomic structure, chemical bonding, chemical reactions, mass and energy relationships in a chemical reaction, physical and chemical properties of gasses, liquids, solids, and aqueous solution chemistry. The coursework emphasizes lab techniques, report writing skills, mathematical calculations, analysis of data, and discussion of results. This course is recommended if you plan to attend a four-year college or university. Enrolling in this course makes you eligible to take Chemistry 2 CP; enrolling in AP Chemistry after this course is not recommended. If you desire AP Chemistry, you should enroll in Chemistry 1 Honors.

4330	CHEMISTRY 1	Grades 10 - 12	Credit: 1.00
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NOTE: Recommend the successful completion of Biology.

Chemistry involves the study of matter. In this course, you will examine the structure, organization, and behavior of matter as well as interactions between and changes in matter to better understand the physical world and the role of chemistry in everyday life. You will learn about major concepts in chemistry by studying atomic theory, physical and chemical properties of gasses, liquids, solids, the Periodic Table, the behavior of gasses, chemical bonding, aqueous solutions, and chemical reactions. You will participate in various learning activities, including working in cooperative learning groups, completing hands-on laboratory investigations and activities, and doing research for presentations.

4327	CHEMISTRY 2 - CP (L) (NCAA) Course meets 8/6 days per cycle	Grades 11 - 12	Credit: 1.333	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Chemistry 1-CP and Algebra 2.

Chemistry 2 CP is a continuation of Chemistry 1 CP. Chemistry 2 will further your knowledge of the basic chemical concepts and introduce more college-level material. This course is very laboratory intensive, with double-period lab classes meeting twice during each cycle. The lab experience allows you to use advanced techniques and tools commonly used in chemical and physical data collection methods. The course's main topics are equilibrium, solubility equilibrium, acids and bases, oxidation-reduction reactions, electrochemistry, kinetics, and organic chemistry. This course is better suited for Chemistry 1 CP students since Chemistry 1 Honors uses a different text and covers different material.

4350	ENVIRONMENTAL ISSUES / BIOETHICS	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Biology.

This course allows you to explore and discuss some of modern society's more intensely debated scientific issues. Units covered include animals, environment and health, land use, natural resources, and biotechnology. You will obtain information about a topic; determine the sides of the issue; and use methods including debate, role-play, projects, speakers, and multimedia to formulate and express your opinions about each issue.

4236	HUMAN ANATOMY & PHYSIOLOGY	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Physical Science and Biology (can be taken concurrently) are prerequisites.

The course provides a strong background in the structural and functional components of the human body. This course is presented in an applied format and will allow you to explore the dynamics of the working body through practical and/or virtual laboratory experiences.

4351	INTRODUCTION TO FORENSIC SCIENCE (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Biology and Chemistry (can be taken concurrently) are prerequisites.

This course will give you an overview of the crime scene investigation process and the issues involved in presenting forensic evidence in court. The course examines the distinct fields of study collectively comprising forensic sciences. These fields include, among others, forensic anthropology, forensic pathology, forensic toxicology, serology and DNA typing, questioned documents, crime scene investigation, fingerprint evidence, polygraph, and other investigative devices. By the end of the course, you will be able to demonstrate the ability to determine appropriate conclusions based on scientific evidence, apply critical thinking skills to solve problems and demonstrate the ability to discriminate between real crime scene science and science fiction. Course Warning: The class often looks at actual criminal cases, which sometimes can be graphic in nature. Some of these cases involve graphic content, which can upset some individuals. If you think this may be an issue, please consider speaking to your counselor to determine if this course will suit you.

4110	INTRO TO PHYSICAL SCIENCE 9 - H (NCAA)	Grade 9	Credit: 1.00
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NOTE: Recommended math placement - Algebra 1 - CP or better (may be taken concurrently).

This course is to serve as a solid foundation for the study of the Physical Sciences. Topics to be investigated are phases of matter, force, and motion, work, simple machines, conservation, and transformation of energy. General chemistry concepts include states of matter, the Periodic Table, chemical reactions, balancing chemical equations, and the Law of Conservation of mass. Your role in this course is to develop inquiry and problem-solving skills within the context of scientific investigation. You will apply what you learn to everyday situations by conducting investigations and formulating and testing your own hypotheses.

4120	INTRO TO PHYSICAL SCIENCE 9 - CP (NCAA)	Grade 9	Credit: 1.00
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NOTE: Recommended math placement - Algebra 1 - CP or better (may be taken concurrently).

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 of this course. This course prepares you with fundamental skills such as measuring, data collection and manipulation, observing, and applying the scientific method. You will explore the how and why of general science with the emphasis that science is a process, not just learned facts.

4130	INTRO TO PHYSICAL SCIENCE	Grade 9	Credit: 1.00	
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This introductory physical science course will emphasize science connections to everyday life. You will explore the basic concepts of physical science and the fundamental concepts of physics and chemistry. Personal connections to the content will be encouraged as you explore the relationship between science and everyday life. Additionally, you will learn about the history and nature of science.

4150	INVERTEBRATE BIOLOGY (S)	Grade 9	Credit: 0.50	Career Cluster #3, 4
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While learning about invertebrates, you will identify the major phyla of invertebrate animals while understanding their physical and behavioral characteristics. Topics include animal characteristics, taxonomy, sponges, coelenterates, flatworms, roundworms, arthropods, annelids, mollusks, echinoderms, and more advanced invertebrate examples. You will perform many laboratory activities such as the utilization of microscopes, collection and classification of insects, dissections of selected specimens, and identification of preserved specimens. These laboratory activities will help you develop the skills necessary for success in post-secondary study.

4154	MARINE SCIENCE (S)	Grade 9	Credit: 0.50	Career Cluster #3
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This class examines the diversity of marine organisms from plankton to predatory sharks to the largest whales, from the deepest trench to the shore. You will explore the special adaptations that allow organisms to thrive and create the complex web of ocean life. Topics include animal characteristics, plankton, sponges, cnidarians, flatworms, roundworms, arthropods, annelids, mollusks, echinoderms, the three classes of fish, and marine mammals. You will perform many laboratory activities such as the utilization of microscopes, dissections of various marine organisms, and identification of preserved specimens.

4352	PENNSYLVANIA'S WILD NATURAL RESOURCES	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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This course will introduce you to the world of nature in the Keystone State. Our Commonwealth holds many natural treasures, including state parks, forests, game lands, national recreation areas, and wildlife refuges. Various communities, such as bogs, forests, streams, and lakes, will be explored as well as the wildlife species, their history, and importance.

4400	PHYSICS 1 - H (L) (NCAA) Course meets 7/6 days per cycle	Grades 10 - 12	Credit: 1.167	Career Cluster #3, 4, 5
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NOTE: Geometry, Biology, and Chemistry I, if not taken concurrently, are prerequisites.

This course is similar in scope and sequence to Physics 1 CP but requires a greater proficiency in mathematics. Laboratory classes meet once per cycle for a double period. This course is designed to be the first half of the Advanced Placement Physics BC curriculum as set forth by the College Board.

4420	PHYSICS 1 – CP (L) (NCAA) Course meets 7/6 days per cycle	Grades 10 - 12	Credit: 1.167	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Biology, Chemistry 1, if not taken concurrently, Algebra 2-CP and taking or have taken Geometry.

This course deals with the fundamental features of the world, such as time, space, motion, matter, light, electricity, and radiation. Although physics is not the only science that deals with these features, all other sciences rely on physics for their foundation. Through laboratory experiences and classroom discussions, you will gain a greater understanding of the physical world. The classroom setting is informal, and you are encouraged to discuss problems and laboratory work in small groups. Laboratory classes meet once per cycle for a double period.

4326	PRINCIPLES OF ECOLOGY & FIELD BIOLOGY - CP (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Chemistry.

This course explores the general concepts of ecology. Included are ecosystems, habitats, communities and niches, abiotic and biotic factors, food chains, webs and pyramids, population dynamics, interspecies and intraspecies relationships, animal behavior, animal adaptation, and evolution. Ecology uses basic science knowledge gained in earlier courses to explain how living things are affected by the world around us and how organisms affect one another.

4336	PRINCIPLES OF ECOLOGY	Grade 12	Credit: 1.00	Career Cluster #3, 4, 5
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NOTE: Recommend the successful completion of Chemistry.

This course explores the general concepts of ecology. Included are ecosystems, habitats, communities and niches, abiotic and biotic factors, food chains, webs and pyramids, population dynamics, interspecies and intraspecies relationships, animal behavior, animal adaptation, and evolution. Ecology uses basic science knowledge gained in earlier courses to explain how living things are affected by the world around us and how organisms affect one another.



Stroudsburg Area School District Social Studies Progression

Below are suggested course progressions, but they can be modified to suit student needs as necessary.

	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
HONORS	Advanced 8th Grade Social Studies	Honors Civics, Government, and 19th Century History	Honors 20th and 21st Century Globalization	CP Civics and/or Economics	CP Civics and/or Economics and AP/H/CP Elective (not required)
CP	8th Grade Social Studies	CP Civics, Government, and 19th Century History	CP 20th and 21st Century Globalization or CP 20th Century Liberal Arts Studies	CP Civics and/or Economics	CP Civics and/or Economics and CP Elective (not required)
CORE	8th Grade Social Studies	Civics, Government, and 19th Century History	20th and 21st Century Globalization	CP Civics and/or Economics	CP Civics and/or Economics and CP Elective (not required)

You will be required to complete 3.0 credits in the Social Studies curriculum as part of the graduation requirements. In addition, you are required to take the specified courses in Grades 9-10 and a half credit each of Civics and Economics in Grades 11-12.

1240	20TH CENTURY AMERICAN LIBERAL ARTS STUDIES - CP (NCAA)	Grade 10	Credits: 2.00
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NOTE: All students taking this course will take the Literature Keystone Exam in the Spring.

Welcome to this co-taught Social Studies/English CP class, which merges 20th Century American History with literature from the same time period. The goal of this class is to demonstrate the historical environment in which an author writes is a product of the events happening in the world. This course will allow you to read, study, analyze, and evaluate historical time periods AND literature from the 20th Century. Our journey will begin in approximately the Gilded Age and end in the 1980s. This course will be reading and writing intensive and will entail critical reading, writing, listening, speaking, and analysis. In addition, you will research topics we uncover during our exploration.

2210	20TH & 21ST CENTURY GLOBALIZATION - H (NCAA)	Grade 10	Credit: 1.00
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In this course, you will study history (American and world) from 1900 to the present. The course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 20th and 21st centuries that have helped to shape our nation and world into the places they are today. This course emphasizes research methodologies and the products that reflect that research. The tenth-grade honors curriculum requires intensive study and high expectations. Throughout this course, you will need to demonstrate exceptional critical thinking and problem-solving skills and strong public speaking abilities. Within this course, there is an advanced emphasis on research and the writing process.

2220	20TH & 21ST CENTURY GLOBALIZATION - CP (NCAA)	Grade 10	Credit: 1.00
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In this course, you will study history (American and world) from 1900 to the present. The course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 20th and 21st centuries that have helped to shape our nation and world into the places they are today. This course will emphasize research methodologies and the products that reflect that research. The tenth-grade college-prep curriculum requires advanced reading, writing, and study skills. Throughout this course, you will need to demonstrate strong critical thinking and problem-solving skills and above-average public speaking abilities. This course will have a strong emphasis placed on research and the writing process.

2230	20TH & 21ST CENTURY GLOBALIZATION	Grade 10	Credit: 1.00
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In this course, you will study history (American and world) from 1900 to the present. The course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 20th and 21st centuries that have helped to shape our nation and world into the places they are today. This course will emphasize the root elements of research methodologies and the products that reflect that research. The tenth-grade curriculum requires basic study and developmental expectations. Throughout this course, you will need to demonstrate the development of critical thinking and problem-solving skills and developmental public speaking abilities. You will develop basic skills for research, and the writing process.

2460	AMERICAN POP CULTURE (S)	Grades 11 - 12	Credit: 0.50	Career Cluster #4
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NOTE: This course does count toward elective credit.

In this course, you will study popular trends, hobbies, fads, and fashions in America throughout its history and how these preferences both reflected and shaped Americans. You will be invited to research and identify American behavior and relate that behavior to historical events.

2308	AP AMERICAN GOVERNMENT AND POLITICS (NCAA)	Grades 10 - 12	Credit: 1.00	Career Cluster #4
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NOTE: This course does count toward elective credit.

AP American Government and Politics is a college-level course that stresses critical thinking and advanced research and writing skills. This course is offered in a seminar-style setting. If you have a genuine interest in American government and politics, this course allows you to share your ideas with your peers. Successful completion of this class and the AP exam may lead to college credit. Students are expected to take the AP exam.

2306	AP EUROPEAN HISTORY (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #4
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NOTE: This course does count toward elective credit.

AP European History is a college-level course that stresses critical thinking and advanced research and writing skills. This course is offered in a seminar-style setting. If you have a genuine interest in European history, this class allows you to share ideas with your peers. Successful completion of this class and the AP exam may lead to college credit. This course has a summer work requirement. Students are expected to take the AP exam.

2305	AP UNITED STATES HISTORY (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #4
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NOTE: This course does count toward elective credit.

AP United States History is a college-level course that stresses critical thinking and advanced research and writing skills. This course is offered in a seminar-style setting. If you have a genuine interest in our country's past, present, and future, this class will give you an opportunity to share ideas with your peers. Successful completion of this class and the AP exam may lead to college credit. This course has a summer work requirement. Students are expected to take the AP exam.

2301	CIVICS - CP (NCAA) (S)	Grades 11-12	Credit: 0.50
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NOTE: This course may fulfill the state requirement for civics education.



The Civics course at our high school is designed to provide students with a comprehensive understanding of the principles and practices of American government and citizenship. Through engaging and interactive lessons, students will explore the rights and responsibilities of citizens, the structure and functions of government, and the importance of active participation in the democratic process. Throughout the course, students will delve into various topics, including federal, state, and local government systems, the Constitution, the Bill of Rights, and the branches of government. They will also examine the electoral process, political parties, and the role of media in shaping public opinion. Additionally, students will develop critical thinking and analytical skills as they analyze current events and discuss contemporary issues related to civics. By the end of the course, students will have a solid foundation in civic literacy and be equipped with the knowledge and skills necessary to become informed and engaged citizens. They will understand the importance of voting, advocacy, and civic participation in shaping the future of our society.

2110	CIVICS, GOVERNMENT & 19TH CENTURY HISTORY - H (NCAA)	Grade 9	Credit: 1.00
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In this course, you will study history (American and world) from 1800 to 1900. The history portion of the course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 19th century that have helped to shape our nation and world into the places they are today. This course emphasizes the foundations of research methodologies and the products that reflect that research. The honors curriculum requires advanced reading, writing, and study skills. You are expected to demonstrate exceptional critical thinking and problem-solving skills and strong public speaking abilities. Within this course, there is a strong emphasis placed on research and the writing process.

2120	CIVICS, GOVERNMENT & 19TH CENTURY HISTORY - CP (NCAA)	Grade 9	Credit: 1.00
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In this course, you will study history (American and world) from 1800 to 1900. The history portion of the course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 19th century that have helped to shape our nation and world into the places they are today. This course emphasizes the foundations of research methodologies and the products that reflect that research. The college-prep curriculum requires strong reading, writing, and study skills. Throughout the course, you will be encouraged to demonstrate critical thinking, problem-solving, and developmental public speaking abilities. Within this course, there is an emphasis placed on research and the writing process.

2130	CIVICS, GOVERNMENT & 19TH CENTURY HISTORY	Grade 9	Credit: 1.00	
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In this course, you will study history (American and world) from 1800 to 1900. The history portion of the course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 19th century that have helped to shape our nation and world into the places they are today. Within this course, there will be an emphasis on the root elements of research methodologies and the products that reflect that research. You will be encouraged and supported to demonstrate critical thinking and problem-solving skills and preliminary public speaking abilities. Throughout this course, you will continue to develop basic skills for research and the writing process.

2310	CONTEMPORARY WORLD STUDIES H (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster # 2, 4
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NOTE: This course does count toward elective credit.

In an ever-changing, globally interdependent world, it is important to understand contemporary world history and how events and contributions of the past have influenced and continue to influence the world today. Students will examine the geography and history of countries and regions, explore historic regional and international relationships, and analyze the impact of conflict and cooperation between countries, regions, and the United States. Students will examine continuity and change in world history, thereby gaining an understanding of past and present connections that have shaped both our country and the world. This course is intended for highly motivated students who demonstrate a desire to use one's exceptional critical analysis, problem-solving, and research skills to learn about the world.

2320	CONTEMPORARY WORLD STUDIES CP (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster # 2, 4
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NOTE: This course does count toward elective credit.

In an ever-changing, globally interdependent world, it is important to understand contemporary world history and how events and contributions of the past have influenced and continue to influence the world today. Students will examine the geography and history of countries and regions, explore historic regional and international relationships, and analyze the impact of conflict and cooperation between countries, regions, and the United States. Students will examine continuity and change in world history, thereby gaining an understanding of past and present connections that have shaped both our country and the world. This course is intended for motivated students who demonstrate a desire to use critical analysis, problem-solving, and research skills to learn about the world.

2258	CURRENT AMERICAN ISSUES (S)	Grade 9	Credit: 0.50	Career Cluster #2, 4
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NOTE: This course does count toward elective credit.

In this course, you will research and debate current American issues through various forms of media, including, but not limited to: newspapers, magazines, and online databases. You will study the implications of geography, history, cultures, and economics on contemporary issues. You will cover units that examine the citizens' role in their community, local government, state government, and international policies. You are required to attend one civic meeting per marking period while enrolled in this class. Such meetings may include school board, borough council, township supervisor, or county commissioner meetings.

2480	ECONOMICS - CP (NCAA) (S)	Grades 11-12	Credit: 0.50	
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This introductory course defines basic economic principles and economic systems by examining mixed economies. You will study the role of individual consumers, businesses, and government in economics through the economic development of the United States by examining the evolution of fiscal and monetary policy. Additionally, you will study international trade and globalization through absolute and comparative advantage, US trade policy, global institutions, free trade agreements, labor markets, and outsourcing. Finally, you will evaluate economic systems and analyze international trade and globalization related to the US economy.

2257	GLOBAL ISSUES (NCAA) (S)	Grades 11 - 12	Credit: 0.50	Career Cluster #2, 4
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NOTE: This course does count toward elective credit.

Global Issues offers you the opportunity to study the contemporary world through current events. This course is designed to be informative as well as provide experience in reading, research, and writing. You will develop a sense that, as time passes, we will become more intertwined with the “global community” and that these issues will affect us all. Some topics will include environmental issues, global conflict, population issues, and human rights.

2450	MINORITIES IN AMERICA (S) (NCAA)	Grades 10 - 12	Credit: 0.50	Career Cluster #4
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NOTE: This course does count toward elective credit.

This course is an in-depth study of the role of individual and group minority movements that have shaped and impacted the development of America. Individuals and group efforts will be identified and analyzed as to their short-term and long-term impact on the American experience from the creation of the country until the present day.

2259	MODEL CONGRESS (S)	Grade 9	Credit: 0.50	Career Cluster #4
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NOTE: This course does count toward elective credit.

In this course, you will research and debate local, state, national, and international policies. You will research, write, discuss, and debate proposed bills. You will debate these issues using the principles of Parliamentary procedure. You will cover units in which you look at the U.S. Congress, parties and politics, voting and elections, public opinion and interest groups, and financing our government. You are required to attend one civic meeting per marking period while enrolled in this class. Examples of community meetings include a school board, borough council, township supervisor, or county commissioner meetings.

2490	MONEY, LAND, POWER (S) (NCAA)	Grades 11 - 12	Credit: 0.50	Career Cluster #2, 4
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NOTE: This course does count toward elective credit.

Ever wonder why or how some countries have advanced economies, control vast amounts of land, or have tremendous power or influence? In this class you will explore who they are and how they did it. It will help you gain a greater understanding of the current international order and its foundations, including examining which countries are dominant regional and global forces. Through examining global politics, you will understand the challenges of conflict while recognizing the importance of diplomacy as well as analyze how geopolitics around the world affects America economically, politically, and culturally.

2316	PSYCHOLOGY - CP (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #2, 4, 5
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NOTE: This course does count toward elective credit.

Psychology is the science of human and animal behavior. This introductory course in psychology surveys several topics, such as scientific methods of psychology, growth and development, influences of heredity and environment, understanding personality, measuring intellectual ability, learning, remembering and forgetting, motivation and emotions, frustration, conflict and stress, psychological disturbances, therapy for psychological disturbances, and social influence and interaction. Psychology has evolved into a discipline with various approaches to psychological thought. This evolution is an ongoing challenge reflected in current psychological literature. As a requirement of the course, you will be responsible for submitting a required writing such as a book report, research paper, or psychological experiment, which the instructor has approved. You should be capable of reading a college-level text.

2300	SOCIOLOGY - CP (NCAA)	Grades 11 - 12	Credit: 0.50	Career Cluster #2, 3, 4
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NOTE: This course does count toward elective credit.



According to the American Sociological Association sociology is the study of social life, social change, and the social causes and consequences of human behavior. Sociology will help students understand the social world around them by looking at culture including subcultures and countercultures, peer groups, group identities, relationships, deviance and conformity, and inequities in society. Recognized as a part of STEM, students will experience work with research and data when studying sociology.

2500	TECHNOLOGY REVOLUTION (S) (NCAA)	Grades 11 - 12	Credit: 0.50	Career Cluster #2, 3, 4
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NOTE: This course does count toward elective credit.

This course will help you gain a greater understanding of how technology has enabled drastic social, economic, and political changes. It will present an opportunity for you to analyze and assess the impact those changes have had/will have on your life and our society. You will continue to develop digital literacy and 21st Century skills while analyzing how technology affects society economically, politically, and culturally.

2256	UNITED STATES ISSUES AND CURRENT EVENTS (NCAA) (S)	Grades 11 - 12	Credit: 0.50	Career Cluster #2, 4
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NOTE: This course does count toward elective credit.

This course will enable you to encounter History, Economics, Geography, and Civics standards by studying up-to-the-minute issues in the United States. In this way, the course offers an authentic validation of learning those standards because you will see their relevance in your current life. As issues arise, you will analyze the cause and effect of those issues, dissect their essential elements, understand their relevance to your life, process and assess how news media reports on those issues, and analyze how those issues are processed by and affect different groups in our society.

Special Education

The Stroudsburg Area School District, directly or through a contract with other education agencies, provides special education programs and services required to meet your specific disabilities. An Individualized Education Program (IEP) is developed for you if you meet eligibility for special education services on a yearly basis. The IEP team provides the building-level team with program and course recommendations to meet your specific and individual needs. Both regular education and special education classes are available as needed to address the needs outlined within the IEP. If your IEP states that you need a course or program that is not listed in this Program of Study, that course or program may be added to your schedule through the IEP Process.

Gifted Support:

The Stroudsburg Area School District offers a variety of learning options to meet your needs and interests if you have been found eligible for gifted programming and services in grades 9 through 12. A Gifted Individualized Education Plan (GIEP) is developed yearly by building-level teams. The GIEP team determines the specially designed instructions necessary.

Technology Education

The Junior High and High School Technology and Engineering program is an individualized and specialized problem-based learning program concerned with understanding technology's evolution, application, and significance in our lives. Stroudsburg Technology and Engineering courses will challenge your curiosity, creativity, and imagination. The program's courses focus on the application of Science, Technology, Engineering, Arts, and Math (STEAM) instructional and learning principles. Courses in Technology and Engineering are open to all students in all program sequences, no matter what career track you embark on. Technology Education courses are very exciting hands-on courses that allow you to create many interesting projects and ideas that will help build on or add to a successful academic background for your future. Most of our courses are elective courses that you can add to your academic track; however, all students must successfully complete one course in Technology and Engineering to meet the SASD graduation requirements. So, if you want to be engaged in your learning and experience some fun and exciting ways to learn, Technology and Engineering classes are for you.

6446	ADVANCED COMPUTER-AIDED DRAFTING	Grades 10 - 12	Credit: 1.00	Career Cluster #3, 5
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This is an advanced CADD computer course for students who have some prior knowledge, expertise, and interest in CADD technology. Within this course, you focus on technical problem-solving in mechanical drawing. Additional types of drawings will be included, including working drawings, structural drawings, schematic drawings, 2D and 3D modeling, 3D printing, and vinyl cutting technology. Students will also design and create a full working multi-piece project using various materials. This course has high expectations for the student, and it is highly recommended if you are considering a career in CADD, Architecture, Engineering, and other STEAM disciplines. In addition, this class will also guide you to explore many potential careers in the STEAM fields and other related fields of study.

6440	CADD 1: INTRODUCTION TO CADD (S)	Grades 9 - 12	Credit: 0.50	Career Cluster #3, 5
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This course is appropriate for you if you desire to increase your technical knowledge beyond word processing and spreadsheet software. CADD 1 is a project-based course that provides you with a broad introduction to 2D and 3D Computer Aided Design and Modeling. A majority of work is performed on a computer using AutoDesk Software. You will also have the ability to learn and use 3D printing and Vinyl cutting technology. This course is highly recommended if you are considering a career in CADD, Architecture, Engineering, and other STEAM disciplines. In addition, this class will also guide you to explore many potential careers in the STEAM fields, as well as other related fields of study. It is recommended that this course be paired with Materials Production 1.

6431	CIVIL ENGINEERING AND ARCHITECTURE (PLTW LEVEL 2)	Grades 10 - 12	Credit: 1.00	Career Cluster #3, 5
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NOTE: It is required that the Introduction Engineering Design course be successfully completed in order to take this course.



Improving our world through thoughtful building design and development! Students learn the fundamentals of building design, site design, and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architectural design software. This course is the second course in the Project Lead the Way Engineering pathway. Learn more about Project Lead the Way through this [video](#). This second course from Project Lead the Way is an exciting and innovative new opportunity for Stroudsburg students.

6442	COMPUTER-AIDED DRAFTING AND DESIGN - CADD	Grades 10 - 12	Credit: 1.00	Career Cluster #3, 5
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Do you like to design and draw? Do you want to increase your technical knowledge by using computers with 2D, wireframe, and 3D modeling software? This course will involve an in-depth study of the following: orthographic projections, sections, auxiliary drawings, pictorials, and developments. You will perform the majority of work on a computer running a variety of CADD, 3D modeling software platforms, and 3D printing and Vinyl cutting technology. This course is highly recommended if you are considering a career in CADD, Architecture, Engineering, and other STEAM disciplines. In addition, this class will also guide you to explore many potential careers in the STEAM fields, as well as other related fields of study.

6412	INTRODUCTION TO ENGINEERING DESIGN (PLTW LEVEL 1)	Grades 9 - 12	Credit: 1.00	Career Cluster #3, 5
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You will dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Students will work individually and in teams to design solutions to a variety of problems using 3-D modeling software and an engineering notebook to document work and designs. This course is the first course in the Project Lead the Way Engineering pathway. Learn more about Project Lead the Way through this [video](#). Explore this specific course by clicking [here](#)! This first course from Project Lead the Way is an exciting and innovative new opportunity for Stroudsburg students.

6420	MATERIALS PRODUCTION 1 (S)	Grades 9 - 12	Credit: 0.50	Career Cluster #3, 5
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NOTE: It is recommended that this course be paired with Introduction to CADD.

This course will teach you the proper and safe use of all hand and power tools by creating various hands-on projects. You will be able to work with various materials to create projects based on your interests. In addition, this class will also guide you to exploring potential careers in the STEAM fields, as well as other related fields of study.

6430	MATERIALS PRODUCTION 2 (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #3, 5
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NOTE: It is recommended that this course be paired with CADD. It is also recommended that this course be taken after the successful completion of Materials Production 1.

Do you like working with tools and machines and building projects? If so, this class is for you! This course provides you with a rewarding experience in the area of Manufacturing Technology and the processes used in the industry. In this class, you will learn about the manufacturing process through designing, utilizing industrial materials, and the proper and safe operation of all power woodworking machinery and hand tools. This course requires you to tap into your creativity, allowing you to create and build many useful products using various materials. In addition, this class will also guide you to explore many potential careers in the STEAM fields and other related fields of study. If you are looking for an exciting hands-on class that allows you to create many interesting projects while enhancing your academic skills in Technology and Engineering, this class is for you.

6421	MATERIALS PRODUCTION 3: CONSTRUCTION TECHNOLOGIES (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #3, 5
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NOTE: It is recommended that this course be taken after the successful completion of Materials Production 1 and 2.

In this course, you will develop a basic understanding of the design and behavior of structures in their environment. This class offers many different laboratory activities that allow you to learn how structures are designed, why certain materials are used, how structures withstand loads, and the impacts of structures on societal, biological, and technological systems. In addition, this class will also guide you to explore many potential careers in the STEAM fields, as well as other related fields of study.

6435	ROBOTICS (S)	Grades 9 - 12	Credit: 0.50	Career Cluster #3, 5
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Robots are widely used in industries such as automobile manufacturing to perform simple repetitive tasks and in industries where work must be performed in environments hazardous to humans. In this course, you will learn about the principles of automation and control in mechanical systems. Using Vex Robotics, you will learn the fundamentals of coding and remote control pertaining to the operation of Remote Operated Vehicles (ROV). In addition, this class will also guide you to exploring potential careers in the STEAM fields, as well as other related fields of study.

5650	STEAM SYSTEMS (S) Course meets 3/6 days per cycle	Grades 10 - 12	Credit: 0.25
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****Required for graduation.****

Throughout this course, you will develop a basic understanding of engineering and technological resources. This class offers many different laboratory activities you will complete, which allow you to investigate how principles from the core courses solve problems. Some of the topics covered in this course will be related to Nano and Bio Technologies, sketching and modeling, infrastructure, mechanical systems, electricity and electronics, bio-related systems, robotics, and coding. In addition, this class will also guide you to exploring potential careers in the STEAM fields, as well as other related fields of study.

6436	THEME PARK DESIGN (S)	Grades 10 - 12	Credit: 0.50	Career Cluster #3, 5
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NOTE: Recommend the successful completion of Robotics.

The Theme Park Design course is an action-packed course that emphasizes STEAM teaching and learning practices while introducing students to career possibilities in the entertainment industry. As Stroudsburg students, you have the privilege to live in the Greater Pocono area, which has been developed over the years into a destination for theme park resorts through the development of indoor and outdoor water parks and facilities. This course will allow you to experience and learn a theme park's "behind the scenes" working systems. Some of the topics and concepts that you will learn in this course will be taught while you complete laboratory activities that include: carnival, amusement and theme park activities, sketching and modeling, infrastructure, mechanical systems, electricity and electronic circuitry, robotics, information, and communication systems, and controls. In addition, this class will also guide you to explore many potential careers in the STEAM fields, as well as other related fields of study.

World Language

The World Language curriculum is a college-preparatory and honors-level program designed to prepare you for life in a global society. Oral proficiency is stressed along with listening, reading, and writing skills. The study of culture to promote understanding is also an integral part of each course and is introduced through readings, recordings, and a video component.

6001	EXPLORING FRENCH (S)	Grade 9	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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Exploring French is a half-year (semester course) designed to introduce students to the basic vocabulary, grammar, and culture of French-speaking countries. Possible topics include geography, holidays and traditions, parts of speech, numbers, travel and tourism, animals, food, nature, and body vocabulary. This course may be helpful to students trying to decide if they would like to study French 1 in the future. This course will meet every day for one semester. It is not an NCAA-approved course and will not replace French 1. It is open to all 9th-grade students in Stroudsburg Junior High School.

6011	FRENCH 1 - CP (NCAA)	Grades 9 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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French 1 is a College-Preparatory course that familiarizes you with the French sound system, basic grammar, and basic vocabulary and introduces French culture. There is an emphasis on participation to promote speaking skills. Written work includes homework, dialogues, and brief paragraphs. It is strongly recommended that you take this course only if you are enrolled in a College-Preparatory or Honors English course.

6012	FRENCH 2 - CP (NCAA)	Grades 9 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of French 1.

French 2 is a College-Preparatory course that reinforces your study of the French sound system and continues the study of basic grammar, vocabulary, and French culture. You will further develop your listening, speaking, reading, and writing abilities. It is strongly recommended that you take this course only if you are enrolled in a College-Preparatory or Honors English course.

6013	FRENCH 3 - H (NCAA)	Grades 10 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of French 1 and 2.

French 3-H continues the study of basic grammar and increases your vocabulary range. You will also continue to study French culture. Your development of speaking proficiency will be of greater emphasis in this course. Additionally, you receive an introduction to French literature. This course is conducted primarily in French. As a result, you are expected to participate in French.

6014	FRENCH 4 - H (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of French 3 H.

French 4-H will complete your study of basic grammar. You will further develop your speaking, reading, listening, and writing skills through spontaneous and prepared talks. You will read and discuss French literature. Additionally, you will continue to study French culture. This course is conducted primarily in French. As a result, you are expected to participate in French.

6015	FRENCH 5 - H (NCAA)	Grade 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of French 4 H.

French 5 Honors is conducted mainly in French, and you must participate to fully develop your speaking and listening skills. Additionally, you will continue to study French literature, history, advanced grammar, and culture. Further, you will examine contemporary and classic French films.

6021	EXPLORING SPANISH (S)	Grade 9	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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Exploring Spanish is a half-year (semester course) designed to introduce students to the basic vocabulary, grammar, and culture of Spanish-speaking countries. Possible topics may include geography, holidays and traditions, parts of speech, numbers, travel and tourism, animals, food, nature, and body vocabulary. This course may be helpful to students trying to decide if they would like to study Spanish 1 in the future. This course will meet every day for one semester. It is not an NCAA-approved course and will not replace Spanish 1. This course is open to all ninth-grade students in Stroudsburg Junior High School.

6031	SPANISH 1 - CP (NCAA)	Grades 9 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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Spanish 1 is a College-Preparatory course that familiarizes you with the Spanish sound system, basic grammar, basic vocabulary and introduces the culture of Spanish-speaking countries. Speaking of Spanish is necessary to develop proficiency. Written work includes homework, dialogues, and brief paragraphs. It is strongly recommended that you take this course only if you are enrolled in a College-Preparatory or Honors English course.

6032	SPANISH 2 - CP (NCAA)	Grades 9 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of Spanish 1.

Spanish 2 is a College-Preparatory course that reinforces the study of the Spanish sound system and continues the study of basic grammar, vocabulary, and Hispanic culture. Understanding, reading, and writing abilities, as well as speaking proficiency, are developed. Speaking of Spanish continues to be emphasized. It is recommended that you take this course only if you are enrolled in a College-Preparatory or Honors English course.

6033	SPANISH 3 – H (NCAA)	Grades 10 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of Spanish 1 and 2.

Spanish 3-H continues the study of basic grammar and increases your vocabulary range. More emphasis is placed on creative self-expression and proficiency, both speaking and writing. You will continue to study Hispanic history and culture. There are also various written and speaking projects assigned for you to complete. This course is conducted primarily in Spanish, and you are expected to participate in Spanish.

6034	SPANISH 4 - H (NCAA)	Grades 11 - 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of Spanish 3 H.

You will build on the information and skills learned in levels 1 through 3-H. You will continue to develop speaking proficiency through class discussions. Additionally, you will review basic grammar and study the finer points of grammar to develop writing proficiency. You will continue your study of Hispanic history and culture. This course is conducted primarily in Spanish, and you are expected to participate in Spanish.

6035	SPANISH 5 - H (NCAA)	Grade 12	Credit: 1.00	Career Cluster #1, 2, 3, 4, 5
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NOTE: Recommend the successful completion of Spanish 4 H.

Spanish 5 Honors is conducted primarily in Spanish, and you must participate in Spanish in order to fully develop your listening and speaking skills. Coursework involves continued development of oral proficiency skills, as well as continued study of advanced grammar, Hispanic history and culture..

Additional Course Offerings

Library Science (Arts & Humanities Elective):

1000	RESEARCH AND DIGITAL COMPETENCY FOR COLLEGE WRITING - CP (S)	Grades 10-12	Credit: 0.50	Career Cluster #1, 2, 3, 4, 5
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Get ready to sift facts from fiction as you learn how to use government websites, online newspapers, professional journals, podcasts, and videos while learning how to analyze the ever-evolving media platforms presenting the information to select and evaluate the information sources. Students will recognize credible information to eliminate using unsubstantiated and biased information in academic writing. You will further develop knowledge of website navigation while using primary sources to analyze a variety of news media outlets using Google Sheets and other tools to document, sort, and present information. You will learn social media responsibility, etiquette, and create your own authentic social media brand using LinkedIn. These experiences and skills will prepare you for college research, the job market, and support you as a valued citizen and lifelong learner.

MONROE CAREER AND TECHNICAL INSTITUTE

Phone: 570-629-2001

Website: www.monroecti.org

The Monroe Career and Technical Institute (MCTI) offers you a wide range of educational opportunities in careers and technical areas, a student/teacher ratio of approximately 20 to 1, many partnerships with local business and industry, and a qualified and caring staff. Registration - All present eighth/ninth-grade students who wish to attend the Monroe Career & Technical Institute must complete an MCTI application. Applications are available in the Guidance Office for all interested students. You and your parent(s)/guardian(s) may refer to the information below for a brief description of each available program area or the MCTI website at www.monroecti.org. If you are a high school student accepted to attend Monroe Career & Technical Institute, you will spend two and one-half hours per day at MCTI for the entire school year. The remainder of the school day, a minimum of four periods, will be spent at the high school. Successful completion of a career-technical program earns you up to 4.0 credits per year. Additional courses taken fulfill the required course and credit requirements for graduation. Before the start of the tenth grade, you must have completed ninth-grade English, math, social studies, science, and physical education courses to attend MCTI as a sophomore. If you expect to graduate on time and complete a three-year program at the MCTI, it is recommended that you have completed 6.0 credits in 9th grade. If you are a ninth-grade student accepted to attend the Monroe Career & Technical Institute, you will attend as a full-day student in your comprehensive program. This program includes your program area as well as your core classes including mathematics, social studies, science, and English. It is a full-day program; you will earn up to 8 credits for the full day. Current Sophomores and Juniors may also apply for any one of the programs at MCTI. See your high school counselor for an application.

Additional Information:

- Your transportation to and from the MCTI will be handled by the school district.
- You will be able to participate in both the breakfast and lunch programs while at the MCTI.
- The number of program openings that are determined on a program-to-program basis may have limited seats available due to high demand from all attending Monroe County schools.
- All programs consist of a list of PDE required tasks and additional local or value-added tasks.

Academic 9th Grade Classes

8001	MCTI ENGLISH 9 (NCAA)	Grade 9	Credit: 1.00
8002	MCTI CIVICS (NCAA)	Grade 9	Credit: 1.00
8003	ALGEBRA 1 (NCAA)	Grade 9	Credit: 1.00
8003A	ALGEBRA 1A	Grade 9	Credit: 1.00
8003G	GEOMETRY (NCAA)	Grade 9	Credit: 1.00
8004	ENVIRONMENTAL BIOLOGY (NCAA)	Grade 9	Credit: 1.00

Construction

8027A/ 8027P	CARPENTRY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Carpentry Program is an instructional program that prepares individuals to apply technical knowledge and skills to lay out, fabricate, erect, install and repair structures and fixtures using hand and power tools. This program includes instruction in common systems of framing, construction materials, estimating, blueprint reading, and finish carpentry techniques. The program is designed to provide students with a combination of classroom theory and hands-on building experience in residential, commercial, and industrial construction trades. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8207A/ 8207P	ELECTRICAL TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Electrical Technology Program is an instructional program that prepares individuals to apply technical knowledge and skills necessary to install, operate, maintain and repair electrically-energized residential, commercial and industrial systems, and DC and AC motors, controls and electrical distribution panels. Instruction emphasizes practical application of mathematics, science, circuit diagrams and use of electrical codes and includes blueprint reading, sketching and other subjects essential for employment in the electrical occupations. Reading and interpretation of commercial and residential construction wiring codes and specifications, installation and maintenance of wiring, service and distribution networks within large construction complexes are also critical components of the program. The program consists of a list of PDE required tasks and additional local or value-added tasks. Students are also given the opportunity to pursue advanced training in motor control circuits and power technology applications. Students are also afforded the opportunity to study home automation by using the Smart Home Technology. Students receive practical experience by completing many projects.

8032A/ 8032P	HEATING, VENTILATION, AND AIR CONDITIONING	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Heating, Ventilation & Air Conditioning (HVAC) Program is an instructional program that combines classroom and practical learning experiences. This Program prepares individuals to apply technical knowledge and skills to install, repair and maintain commercial and domestic heating, air conditioning and refrigeration systems. Instruction includes theory and application of basic principles involved in conditioning of air (cooling and heating); filtering and controlling humidity; operating characteristics of various units and parts; blueprint reading; use of technical reference manuals; the diagnosis of malfunctions; overhaul, repair and adjustment of units and parts such as pumps, compressors, valves, springs and connections; and repair of electric/electronic and pneumatic control systems. This program is certified by the National Center for Construction Education and Research. The program consists of a list of PDE required tasks and additional local or value added tasks.

8030A/ 8030P	MASONRY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Masonry Program is an instructional program that prepares individuals to apply technical knowledge and skills in the laying and/or setting of brick, concrete block, glass block, hard tile, marble and related materials using trowels, levels, hammers, chisels and other hand tools. The masonry curriculum combines classroom and practical learning experience including projects. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8033A/ 8033P	PLUMBING TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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Plumbing Technology is an instructional program that prepares individuals to practice as licensed plumbers by applying technical knowledge, safety and skills to lay out, assemble, install and maintain plumbing fixtures and systems for steam, natural gas, oil, hot water, heating, cooling, drainage, lubricating, sprinkling and industrial processing systems in home and business environments. The program includes instruction in source determination, water distribution, waste removal, pressure adjustment, basic physics, technical mathematics, blueprint reading, pipe installation, pumps, brazing and soldering, plumbing inspection and applicable codes and standards. The program combines classroom and practical learning experiences. Students also become involved with many community service projects related to their program of study. This program is certified by the National Center for Construction Education and Research. The program consists of a list of PDE required tasks and additional local or value-added tasks.

Health Science and Human Services

8404A	APPLIED HORTICULTURE (FLORICULTURE)	Grades 9 - 12	Credits: 4.00	Career Cluster #4, 5
8405P	APPLIED HORTICULTURE (LANDSCAPING)	Grades 9 - 12	Credits: 4.00	Career Cluster #4, 5

An instructional program having a combination of organized subject matter and practical experiences that generally prepares individuals to produce, process and market plants, shrubs and trees used principally for ornamental, recreational and aesthetic purposes and to establish, maintain and manage horticultural enterprises. Instruction emphasizes knowledge, understanding and application important to establishing, maintaining and managing horticultural enterprises such as arboriculture, floriculture, greenhouse operation and management, landscaping, nursery operation and management and turf management. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8505A/ 8505P	BUSINESS AND HOSPITALITY MANAGEMENT	Grades 9-12	Credits: 4.00	Career Cluster #2, 4
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The Business and Hospitality Management Program focuses on a wide variety of instruction associated with careers in the business and hospitality fields. The program prepares individuals to perform one or more business and hospitality functions such as selling, pricing, promotion, product/service management, distribution, financing, guest services, front office operations, facilities management, resort management and marketing information management. In addition, the instructional program includes varying emphasis on technical knowledge of products and/or services marketed; related communications, economics, technological and computational skills; and abilities and attitudes associated with human relations. The program may also include management functions associated with owning and operating a business. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8085A/ 8085P	COSMETOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #4
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The Cosmetology Program is an instructional program that prepares individuals to apply technical knowledge and skills related to the cosmetology industry in a variety of beauty treatments including the care of the hair, skin, and nails. Instruction includes training in giving shampoos, rinses and scalp treatments; hair styling, setting, cutting, coloring, tinting and lightening; permanent waving; facials; manicuring; and hand and arm massaging. The program includes instruction in bacteriology, anatomy, hygiene, sanitation, salon management including record keeping and customer relations. Instruction is designed to qualify students for the licensing examination upon successfully completing 1,250 hours of instruction. The program consists of a list of PDE required tasks and additional local or value-added tasks. Based upon hours of instruction needed, we can only accept new 9th and 10th grade students.

8512A/ 8512P	CRIMINAL JUSTICE	Grades 9 - 12	Credits: 4.00	Career Cluster #4
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The Criminal Justice Program is an instructional program that prepares individuals to apply technical knowledge and skills that relate to performing entry-level duties as a patrolman, corrections officer, juvenile officer, security officer and probation officer. The course stresses patrol and related duties such as traffic and crowd control, the American legal system, techniques used in the police laboratory and training in emergency and disaster situations. Also stressed is physical development with a strong emphasis on self-defense and the building of self-confidence. Investigatory techniques such as interviewing and evidence gathering, report writing, a study of juvenile law and procedure, the techniques of crime prevention, the criminal process from arrest through conviction and procedural matters affecting law enforcement such as arrest, search and seizure and legal principles developed in information lessons are utilized in supervised simulated situations. The Program consists of a list of PDE required tasks and additional local or value-added tasks.

8502A/ 8502P	CULINARY ARTS	Grades 9 - 12	Credits: 4.00	Career Cluster #4
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The Culinary Arts Program is an instructional program that prepares students for employment related to institutional, commercial or self-owned food establishments or other food industry occupations. Instruction and specialized learning experiences include theory, laboratory and work experience related to planning, selecting, preparing and serving of quantity food and food products; nutritive values; use and care of commercial equipment; safety; and sanitation precautions. Instruction of skills is provided to individuals desiring to become employed in all areas of the food service industry at entry level. The program is certified by the American Culinary Federation. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8385A/ 8385P	HEALTH PROFESSIONS	Grades 10 - 12	Credits: 4.00	Career Cluster #4, 5
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Health Professions provides students with a variety of educational, informational and biological technology to prepare students for future employment in an ever-changing diverse healthcare field. Students completing Monroe Career & Technical Institute's Health Professions will find themselves well prepared to enter the workforce as a PCA (Patient Care Attendant) or Homecare Provider. Upon successful completion, students will have obtained First Aid, CPR, AED and Direct Care Staff Certifications. The Health Professions program includes an extensive eight-week shadowing experience for seniors at an approved medical facility. The student shadowing experience encompasses live interaction within the following disciplines: Emergency Care, Laboratory Procedures, Medical Surgical Unit, Radiology, Respiratory Therapy, Social Services, Therapy, and Ultrasound Technology. Successful students will also be prepared to obtain additional certifications in Phlebotomy, EMT, Medical Assistant, EKG and Nurse Aide with MCTI's ACE (Adult Continuing Education) evening program and/or participate in an articulation agreement with Northampton Community College.

8400A/ 8400P	THERAPEUTIC SCIENCE & SPORTS MEDICINE	Grades 10 - 12	Credits: 4.00	Career Cluster #4, 5
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Therapeutic Science and Sports Medicine is a program designed to educate students on the theories of injury prevention, recognition, and emergency care as well as health and wellness. This technical program will include theory and hands-on application related to anatomy, physiology, therapeutic exercise, restorative care, strength and conditioning, injury recognition, injury management, weight management and nutrition. Students will learn to design exercise programs, nutrition plans, injury preventative plans, and injury recovery plans that promote overall mental and physical health and wellness. Students will leave the program prepared for employment in settings that include fitness clubs, assisted care facilities, and wellness programs. Students who wish to pursue an advanced degree will have a strong foundation to enter post-secondary programs in the fields of exercise science, physical therapy, occupational therapy, and athletic training.

Information Technology

8801A/ 8801P	COMPUTER INFORMATION SCIENCE	Grades 9 - 12	Credits: 4.00	Career Cluster #1, 4
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The Computer Information Science Program is an instructional program that prepares individuals to apply technical knowledge and skills to support the design and development of software applications, manage data systems and related mathematical statistics for analysis and forecasting of business data, process and retrieve business information, and prepare and interpret process and data models. Students will create a relational database, receive instruction in a variety of computer programming languages including writing, testing and debugging code; writing related system user documentation; demonstrating an understanding of core computer concepts to include the internet and the basic functions of business desktop applications; and analyzing common hardware, software and network processes. Students will receive instruction in business ethics and law, economics, office procedures and communications. Students will learn office safety, computer fundamentals, database administration and computer maintenance/troubleshooting.

8218A/ 8218P	COMPUTER NETWORKING AND SECURITY	Grades 9 - 12	Credits: 4.00	Career Cluster #2, 4
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The Computer Networking and Security Program is an instructional program that focuses on the design, implementation and management of linked systems of computers, peripherals and associated software and prepares individuals with the technical skills required to support networks and network users. This program includes instruction in network technologies and standards: system design, architecture, operating systems, security, communications protocols, client support, messaging services, network management, troubleshooting and server optimization. Those completing the program may be employed as a network administrator, network specialist, network technician, webmaster, client services analyst (end user) or network operator. The program consists of a list of PDE required tasks and additional local or value-added tasks. The core content of this course is focused on nationally recognized certifications. Upon completion of the program, students may be eligible to obtain up to 30 advanced standing credits at a post-secondary institution based on their career track.

8062A/ 8062P	GRAPHIC COMMUNICATIONS	Grades 9 - 12	Credits: 4.00	Career Cluster #1, 4
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Graphic Communications is an instructional program that generally prepares individuals to apply technical knowledge and skills to plan, prepare and execute commercial and industrial visual image and print products using mechanical, electronic and digital graphic and printing equipment. Students learn desktop publishing, layout, composition, presswork and bindery as well as photography, and several graphic arts techniques. Emphasis is on typographical layout and design using computer graphics, photo typesetting, platemaking, offset preparation and operation, paper cutting, ink and color preparation and dynamics and airbrush and screen printing production. Concentration in the area of graphic arts will permit the student to work in computer design, digital prepress, press work, sign making/vehicle graphics, screen printing, sandblasting, and more. In addition, the student will be instructed in various finishing operations. The program consists of a list of PDE required tasks and additional local or value-added tasks.

Manufacturing Programs

8042A/ 8042P	DRAFTING AND DESIGN TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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Drafting & Design Technology is an instructional program that generally prepares individuals to apply technical knowledge and skills as each relates to gathering and translating of data or specifications including basic aspects of planning, preparing and interpreting mechanical, architectural, structural, civil, electrical/electronic, topographical and other drawings and sketches used in various engineering fields. Instruction is designed to provide experiences in drawing and CAD; the use of reproduction materials, equipment and processes; the preparation of reports and data sheets for writing specifications; the development of plan and process charts indicating dimensions, tolerances, fasteners, joint requirements and other engineering data; the development of models; and drafting multiple view assembly and subassembly drawings as required for manufacture, construction and repair of mechanisms. The program consists of a list of PDE required tasks and additional local or value-added tasks. Students who successfully complete the program will have the opportunity to work as entry level CAD-Technicians with mechanical, architectural, and civil drafting professionals. Students may also work in many related careers such as surveying, construction estimating, and specification writing.

8208A/ 8208P	ELECTRONICS TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #1, 3
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Electronics Technology is an instructional program that prepares individuals to apply basic electronic principles and technical skills to the production, calibration, estimation, testing, assembling, installation and maintenance of electronic equipment. Emphasis is on passive components and solid-state devices; digital circuits; optoelectronic devices; operational amplifiers; audio and RF amplifiers; oscillators; power supplies; and AM, FM and PCM modulators. Knowledge is acquired through theoretical instruction, experimentation and hands-on activities. Instruction will develop basic levels of knowledge, understanding and associated skills essential for entry-level employment in communications, industrial electronics, digital processing, robotics, avionics, biomedical technology and other electronics occupations. Through collaborative curriculum planning with colleges and trade schools, students who participate in this program are eligible to obtain up to 12 credits of advanced standing in a post-secondary program. This program participates in the Electronics Technicians Association, International Student Certification Program. The program consists of a list of PDE required tasks and additional local or value-added tasks.

8071A/ 8071P	PRECISION MACHINING	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Precision Machining Program is an instructional program designed to give individuals instruction, knowledge and skills in all aspects of shaping parts for industrial application. Instruction involves making computations relating to work dimensions, tooling and feeds and speeds of machining. Emphasis is placed upon bench work and the operation of lathes, power saws, milling machines, grinders, drills and computer operated equipment (CNC and CIM). Instruction also includes the use of precision measuring instruments such as layout tools, micrometers and gauges; methods of machining and heat treatment of various metals; blueprint reading; and the layout of machine parts. Instruction prepares students to operate all types of hand and computer-controlled machines. The program provides both practical skills and related theory in machine tool operation, CAD drawings along with the technical mathematics, science, and communication skills essential to a career in manufacturing. The program is certified by the National Institute for Metalworking Skills, Inc. (NIMS). The program consists of a list of PDE required tasks and additional local or value-added tasks. Students can earn credentials from NIMS.

8075A/ 8075P	WELDING TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Welding Technology Program is an instructional program that prepares individuals to apply technical knowledge and skills in gas, arc, shielded and non-shielded metal arc, brazing, flame cutting and plastic welding. Hand, semi-automatic and automatic welding processes are also included in the instruction. Students learn safety practices and types and uses of electrodes and welding rods; properties of metals; blueprint reading; electrical principles; welding symbols and mechanical drawing; use of equipment for testing welds by ultrasonic methods and destruction and hardness testing; use of manuals and specification charts; use of portable grinders; positioning and clamping; and welding standards established by the American Welding Society (AWS), American Society of Mechanical Engineers and American Bureau of Ships. The program is certified by the American Welding Society. The program consists of a list of PDE required tasks and additional local or value-added tasks.

Transportation Programs

8008A/ 8008P	AUTOMOTIVE COLLISION AND REPAIR	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Automotive Collision Repair Program is an instructional program that prepares individuals to apply technical knowledge and skills to repair damaged automotive vehicles such as automobiles and light trucks. Students learn to examine damaged vehicles and estimate cost of repairs; remove, repair and replace upholstery, accessories, electrical and hydraulic window and seat operating equipment and trim to gain access to vehicle body and fenders; remove and replace glass; repair dented areas; replace excessively damaged fenders, panels and grills; straighten bent frames or unibody structures using hydraulic jacks and pulling devices; and file, grind and sand repaired surfaces using power tools and hand tools. Students refinish repaired surfaces by painting with a primer and finish coat. The Program consists of a list of PDE required tasks and additional local or value-added tasks.

8009A/ 8009P	AUTOMOTIVE TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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Students enrolled in the Automotive Technology Program are prepared to apply technical knowledge and skills to engage in the servicing and maintenance of all types of automobiles and light trucks. This program includes instruction in the diagnosis and testing, including computer analysis, of malfunctions in and repair of engines, fuel, electrical, cooling and brake systems and drivetrain and suspension systems. Instruction is also given in the adjustment and repair of individual components and systems such as cooling systems, drive trains, fuel system components and air conditioning and includes the use of technical repair information and the state inspection procedures. The Program consists of a list of PDE required tasks and additional local or value added tasks. This program is certified by the National Automotive Technicians Education Foundation (NATEF) and is designed for students who would like to work in the automotive service industry. Automotive technicians need knowledge of electronics, emission control, electricity, mechanics, and hydraulics. The need for skilled technicians is rapidly increasing. Expanded use of electronics, new government requirements on safety and pollution control, and more extensive warranties on new vehicles require the work of highly skilled technicians and diagnosticians.

8041A/ 8041P	DIESEL TECHNOLOGY	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Diesel Technology Program is designed to prepare individuals to apply technical knowledge and skills to the specialized maintenance and repair of trucks, buses, and other commercial and industrial vehicles. This program includes instruction in diesel engine mechanics, suspension and steering, brake systems, electrical and electronic systems, preventive maintenance inspections, drive trains, HVAC systems, and auxiliary equipment installation and repair. The Diesel Technology Program includes safety, theory, and general practice. Diesel technicians must like to work with machines and be able to use both hand and power tools. This program is certified by the National Automotive Technicians Education Foundation (NATEF). The Program consists of a list of PDE required tasks and additional local or value-added tasks.

8067A/ 8067P	OUTDOOR POWER EQUIPMENT TECHNOLOGIES	Grades 9 - 12	Credits: 4.00	Career Cluster #3
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The Outdoor Power Equipment Technology Program is an instructional program that prepares individuals to apply technical knowledge and skills to repair, service, maintain and diagnose problems on a variety of small internal-combustion gasoline engines and related systems used on portable power equipment such as lawn and garden equipment, chain saws, outboard motors, rototillers, snowmobiles, lawn mowers, motorcycles, personal watercraft and pumps and generators. This program includes instruction in the principles of the internal-combustion engine and all systems related to the powered unit. Instruction also includes the use of technical and service manuals, state inspection code, care and use of tools and test equipment, engine tune-up/maintenance, engine overhaul, troubleshooting and diagnostic techniques, drive lines and propulsion systems, electrical and electronic systems, suspension and steering systems and service operations and parts management. The program consists of a list of PDE required tasks and additional local or value-added tasks.

Mathematics

Specialized courses are offered to meet your unique requirements. These include Medical Math and Elementary Statistics for students in the Allied Health program.

Capstone Cooperative Education and Diversified Occupations

These guidelines apply to Capstone Cooperative Education and Diversified Occupations. Please read these carefully before enrolling in either course of study.

Rules and Regulations

- It is your responsibility to obtain the signatures of all parties involved in the training agreement. The training agreement must be returned to the Diversified Occupations instructor. The date the Diversified Occupations instructor signs the training agreement will be considered your employment start date.
- You are required to attend all regularly scheduled Diversified Occupations classes where you will receive instruction on general related theory. Missing class and reporting to work is not acceptable and will affect your grade.
- If there is a temporary layoff or suspension of work, you will report back to the Diversified Occupations instructor immediately.
- You will report any absence from work caused by sickness or other legal excuses promptly to your employer.
- You will submit a written excuse signed by your parent(s)/guardian(s) for any days absent from school and work within three (3) days of your return to school.
- You will operate your vehicle safely and legally to and from the job. At no time should other students be riding in your vehicle without prior approval.
- You may not change training stations without prior approval from the Diversified Occupations instructor.
- You may not terminate your employment without the advanced approval of the Diversified Occupations instructor.
- You must be dressed appropriately for your job. This includes safety equipment!
- You must have employment to be part of the Diversified Occupations Program.

Note: Failure to comply with the rules and regulations of the vocational school or the home school could result in your termination in the Diversified Occupations Program.

8900C	CAPSTONE COOPERATIVE EDUCATION	Grade 12	Credits: 4.00
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Cooperative education (Co-op) is a method of instruction that effectively brings about what is best for you. The use of the work environment is a plan of education that enables you to gain practical experience in your chosen career track. You are accredited for becoming employed, typically a half-day, within your trade area. Pennsylvania continues to be a leader in this effort through cooperative education. Cooperative education has been a part of both the secondary and post-secondary school programs in Pennsylvania for more than 50 years, having its genesis around the turn of the century.

8606	DIVERSIFIED OCCUPATIONS (STROUDSBURG HIGH SCHOOL PROGRAM OPTION)
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The Diversified Occupations Program (DO) is a one-year instructional program for seniors that operates as an integral part of vocational education to provide a cooperative arrangement between the school and employers whereby the student receives general education instruction in the school and on-the-job training through part-time employment in business/industry. The area of training may be in any vocational education area where there are needs for trained persons and must relate to the student's career objective. The DO Program is a partnership between MCTI, the sending district, the student and the student's parents, and the employer. This training program is designed to help the student transition from school to work while gaining valuable life and work experience. Students are responsible for finding part-time employment with a local employer directly related to the career field they wish to pursue after graduating high school. This program is conducted at the student's district high school campus. Only twelfth-grade students who have earned 18 credits may be eligible for the program, and you have to work at least 20 hours per week.

Eighth Grade Curricular Offerings

You will receive instruction in the five core academic areas: Reading, Language Arts, Social Studies, Science, and Mathematics. If you are eligible, you may begin your study of World Languages in place of Reading. You are evaluated and placed homogeneously in the Advanced and Workshop Programs based on multiple criteria. The advanced courses cover the core curriculum but with higher expectations and greater demands; they include enrichment activities and assignments covered in greater depth with an accelerated pace of the course. The Workshop Program is designed as an alternative approach to meet academic standards to meet success in your curricular offerings. These courses provide guidance and assistance as needed, encouraging you to assume increasing responsibility for managing your learning.

Based on the scores on the state reading and math assessment (PSSA), you may receive an assignment to Reading/Writing Edge or the Math class that will best meet your academic needs. These courses may be required instead of study hall and/or, in some cases, Band, Orchestra, or Chorus.

Language Arts

9180	ADVANCED LANGUAGE ARTS	Grade 8	Credit: N/A
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Advanced Language Arts is a rigorous course of study. You must complete the core requirements of the eighth-grade curriculum. Through this course, you will study a variety of short stories, a play, and a novel. You will also demonstrate your writing skills in the following genres: descriptive, expository, narrative, and persuasive. You must also complete additional assignments to develop and enhance higher-level, critical-thinking skills. These assignments require you to apply strenuous attention to detail in areas such as analysis, interpretation, and evaluation of literature and your writing. An extensive research paper is mandatory. For placement in Advanced Language Arts, it is recommended that you score Advanced in Reading on the PSSAs in 6th grade and 7th grade, as well as score in the advanced range consistently on the 7th grade ELA STAR assessment throughout the year. Academic and classroom performance will also be reviewed and considered.

9181	LANGUAGE ARTS	Grade 8	Credit: N/A
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Language Arts is an integrated program that incorporates the skills of reading, writing, speaking, listening, thinking, and technology using a variety of materials, media, and methodologies. You will study a variety of short stories, poems, a play, and a novel. Your writing abilities will be reinforced through the following genres: descriptive, expository, narrative, and persuasive. Specific conventions and mechanics will be used to enhance the overall understanding of this integrated approach.

9182	LANGUAGE ARTS WORKSHOP	Grade 8	Credit: N/A
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This Language Arts Workshop emphasizes the integration of reading and writing. You will write in response to various reading assignments, including short stories, at least one novel, and drama. The reading and writing process will be highlighted within the context of each assignment. In addition, vocabulary, spelling, language usage, and mechanics will be integrated into instruction. You will be enrolled in Reading/ Writing Edge B with this course. Your placement in Language Arts Workshop and Reading/Writing Edge B (9684) will be determined by PSSA scores and Star assessment results. Eligibility is determined through a recommendation by the reading specialists, school counselors, and administration.

Social Studies

9280	ADVANCED 8TH GRADE SOCIAL STUDIES	Grade 8	Credit: N/A
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This course provides a study of history (American and world) during the 18th century, as well as a one-quarter seminar focusing on the PA State and Core Standards that govern Civics and Government at the global, national, and state levels. The history portion of the course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 18th century that have helped to shape our nation and world into the places they are today. This course will emphasize the foundations of research methodologies, the use of technology tools to facilitate that research, and the products that reflect that research. This eighth-grade course requires advanced reading, writing, and study skills. This course will promote your demonstration of critical thinking, problem-solving skills, and developmental public speaking abilities. Additionally, your coursework will emphasize research and the writing process. For placement in Advanced Civics, Government, and 18th Century History, it is recommended that you have scored Advanced in Reading on the PSSAs in sixth grade, seventh grade, or on the seventh-grade Star assessments. Academic and classroom performance will also be reviewed and considered.

9281	8TH GRADE SOCIAL STUDIES	Grade 8	Credit: N/A
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This course provides a study of history (American and world) during the 18th century, as well as a one-quarter seminar focusing on the PA State and Core Standards that govern Civics and Government at the global, national, and state levels. The history portion of the course will focus on fulfilling the PA State and Core History, Economics, and Geography Standards through a study of the major events, concepts, and thought patterns of the 18th century that have helped to shape our nation and world into the places they are today. This course will emphasize the root elements of research methodologies, the use of technology tools to facilitate that research, and the products that reflect that research. You will continue developing grade-level reading, writing, and study skills through this course. In addition, this course will promote your development and demonstration of critical thinking, problem-solving, and preliminary public speaking abilities. Additionally, your coursework will develop your skills for research and your use of the writing process.

Science

9380	ADVANCED EARTH AND SPACE SCIENCE	Grade 8	Credit: N/A
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This course is a general survey of earth and space sciences with topics covered in greater depth than the basic curriculum. Meteorology topics include variables of weather, severe weather, and weather maps. Geology topics include characteristics of rocks and minerals, the development of plate tectonics theory, earthquakes, and volcanoes. The curriculum also focuses on oceans and shorelines, surface and groundwater systems, the earth and moon as a system, as well as comparative planetary astronomy. The coursework will include hands-on activities, student research, critical-thinking skills, graphing, and mapping. This course requires a greater proficiency in math and writing skills than the core curriculum. For placement in Advanced Science, it is recommended that you have scored Advanced in Math and Advanced in Reading on the PSSAs in sixth grade, seventh grade, or on the seventh-grade Star assessments. Academic and classroom performance will also be reviewed and considered.

9381	EARTH AND SPACE SCIENCE	Grade 8	Credit: N/A
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This course is a general survey of earth and space sciences. Meteorology topics include variables of weather, severe weather, and weather maps. Additionally, geology topics include characteristics of rocks and minerals, the development of plate tectonics theory, earthquakes, and volcanoes. The curriculum also focuses on oceans and shorelines, surface and groundwater systems, the earth and moon as a system, as well as comparative planetary astronomy. During this course, you will participate in hands-on activities and student research.

Mathematics

9580	ALGEBRA 1 - CP (NCAA)	Grade 8	Credit: 1.00
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NOTE: All students taking this course will take the Algebra 1 Keystone Exam in the Spring.

This course is a rigorous introduction to Algebra skills and concepts. Candidates for this course must possess an excellent understanding of Pre-Algebra concepts, including rational numbers, distributive property, combining like terms, solving multi-step equations and inequalities including variables on both sides, basic concepts of slope, and graphing a line given an equation in slope intercept form. In addition, the course emphasizes working with linear and quadratic expressions, factoring polynomials, solving simple quadratic equations, graphing linear equations and systems of simultaneous equations, writing equations given applied descriptions or graphs, and writing equations given applied descriptions, graphs, or two points. Related skills and concept development will be integrated throughout the course. You will use calculators and computer software at appropriate places in this course of study. A unit of high school credit is earned for successful completion of Algebra 1 in eighth grade. This course grade will appear on your high school transcript and will be included in your GPA, cumulative GPA, and class rank. For placement in Algebra 1, it is recommended that you have a teacher recommendation and an Advanced score on the PSSAs. A score of 84% on the end-of-the-year final Algebra Readiness Assessment is also strongly recommended.

3210	GEOMETRY - H	Grade 8	Credit: 1.00
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NOTE: 7th Grade Algebra 1 is a prerequisite.

This course is an introduction to Geometry with an emphasis on definitions, theorems, and postulates dealing with lines and planes. This course emphasized proofs written in various styles, congruence and similarity of figures, basic triangle trigonometry, geometric equalities and inequalities, simple logic, constructions of geometric figures, and measurement of segments, angles, area, and volume. You will also study concepts of vectors, dilations, and transformational geometry. You will utilize computer software at appropriate places in this course of study, and a scientific calculator is highly recommended. A unit of high school credit is earned for successful completion of Geometry H in eighth grade. This course grade will appear on your high school transcript and will be included in your GPA, cumulative GPA, and class rank.

9581	MATH 8	Grade 8	Credit: N/A
9583	MATH 8 9/6 Course meets 9/6 days per cycle	Grade 8	Credit: N/A

This course provides a transition from elementary arithmetic skills and concepts to Algebra 1 in a single year. While you strengthen your arithmetic skills, the focus of the course will be on solving linear equations involving rational numbers through an algebraic approach. You will also solve problems involving applications of these skills. Calculators and computer software will be used at appropriate places in this course of study.

Math 8 is recommended if you have reached proficiency or above on your PSSAs. This course is recommended if you are not eligible for Algebra 1 and need to refine and improve your pre-algebra skills.

Math 8 9/6 is recommended if you have scored Basic or Proficient on your PSSAs. You will require more time in pre-algebra class to acquire the skills necessary to move on to Algebra 1. This class will meet every day in a six-day cycle but as a double period three days per the six-day cycle.

Math 8 9/6 is recommended if you have not reached proficiency on your PSSAs. You will require more time in pre-algebra to acquire the skills necessary to move on to Algebra 1 or Algebra 1A. This class will meet every day in a six-day cycle but as a double period three days per the six-day cycle.

Reading

9680	ADVANCED READING	Grade 8	Credit: N/A
9681	READING	Grade 8	Credit: N/A
9682	READING WORKSHOP	Grade 8	Credit: N/A

This reading course is for you if you need world-class reading skills. The eighth-grade reading course is designed to develop independent, strategic readers who are capable of engaging in a variety of literacy tasks. Instruction will target comprehension strategies. Because of the demands on reading skills of Middle/Junior High students, strategies for reading content material will be developed. The comprehension strategies will be applied to content area materials. Reading selections will be leveled to match your achievement level. To help you self-assess your reading performances, you will learn to use checklists based on the academic standards and the Pennsylvania Reading Rubric. This course will be offered to you unless you are beginning your study of World Languages in eighth grade. For placement in Advanced Reading, it is recommended that you have scored advanced in Reading on the PSSAs in 6th grade and 7th grade as well as scored in the advanced range consistently on the 7th grade ELA STAR assessment throughout the year. Academic and classroom performance will also be considered. For placement in Reading Workshop, you must have scored Basic/Below Basic on the PSSAs in sixth grade, seventh grade, or on a seventh-grade STAR assessment. Grades, teacher, or school counselor recommendations will also be considered.

9683	READING/WRITING EDGE A	Grade 8	Credit: N/A
9684	READING/WRITING EDGE B	Grade 8	Credit: N/A

This program is designed for you if you need additional instruction in reading and/or writing. You will be assigned to Reading/Writing Edge 8 based on your scores on the state reading or writing assessment. If you are a new student to the district, placement will be determined by the PSSA or assessment scores from the previous school. If you do not have a state assessment score, a pre-test will be given to determine eligibility. You will be placed in Reading/Writing Edge 9683 or 9684 depending on the degree of support needed. This course will be required instead of a study hall or, in some cases Band, Orchestra or Chorus. The major purpose of the course is to give you an edge in your reading and writing performance to help you meet Pennsylvania Academic Standards in reading and writing. You will also learn strategies to improve your academic performance in all subject areas. A standardized test will be given during the course to check your progress. The program is designed to meet your individual needs and does not count as the original eighth-grade Reading or Language Arts credit. This course is offered three days out of a six-day cycle throughout the school year.

World Language

A World Language class will be available to current 8th graders who meet the following requirements:

- An eighth-grade World Language request must be completed.
- Advanced grade average (Quarters 1 through 3) in 7th Grade Language Arts (90% average grade or higher).
- Advanced Performance is shown on Reading Assessments
 - Advanced on 6th Grade PSSA Reading.
 - If you scored Proficient on the sixth-grade PSSA, you may still be eligible if you scored at the Advanced level on one or more of the STAR assessments during the seventh-grade year.
- Parents may appeal the decision if you scored Advanced on the 7th grade PSSA Reading.

By beginning the World Language program in eighth grade, you will have the opportunity to complete the five-year World Language Program while at Stroudsburg High School. If you are not eligible for the eighth-grade World Language Program, a language class becomes available as an elective to you when you enter the ninth grade. It is essential to understand that this program is a college-preparatory and honors-level class, and if taken, you will have the opportunity to complete four (4) years of a World Language at Stroudsburg High School.

6011	FRENCH 1 - CP (NCAA)	Grade 8	Credit: 1.00
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French 1 is a college-preparatory course that familiarizes you with the French sound system, basic grammar, basic vocabulary and introduces French culture. There is an emphasis on participation to promote speaking proficiency. In order to be considered for this program, an eighth-grade World Language Application must be completed. A unit of high school credit is earned if you pass World Language in your eighth-grade year. The course and final grade will appear on your high school transcript and will be included in your GPA, cumulative GPA, and class rank.

6031	SPANISH 1 - CP (NCAA)	Grade 8	Credit: 1.00
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Spanish 1 is a college-preparatory course that familiarizes you with the Spanish sound system, basic grammar, basic vocabulary and introduces Hispanic culture. Speaking of Spanish is necessary to develop proficiency. In order to be considered for this program, an eighth-grade World Language Application must be completed. A unit of high school credit is earned if you pass World Language in your eighth-grade year. The course and final grade will appear on your high school transcript and will be included in your GPA, cumulative GPA, and class rank.

Careers, Computer Skills, Health & PE Rotation

NOTE: These courses meet three days per six-day cycle for one semester.

9781	CAREER AWARENESS	Grade 8	Credit: N/A
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This course, a component of the District's career development graduation project, provides opportunities for you to gather information about career choices in which you are interested. Career decisions are significant decisions that should not be entered into haphazardly. You will develop a career plan of your choice which will, in turn, aid you in selecting your four-year program sequence in grades nine through twelve.

9783	COMPUTER SKILLS	Grade 8	Credit: N/A
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This course begins with a review of keyboarding skills and techniques. You will extend your introductory skills in word processing, spreadsheet, presentation, desktop publishing concepts, and digital citizenship.

9782	HEALTH	Grade 8	Credit: N/A
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This course provides a basic knowledge of health and wellness to foster the development of skills, attitudes, and behaviors conducive to mental, physical, emotional, and social well-being. Health education promotes the practice related to the development of a healthy lifestyle. This course must be taken in eighth grade and includes the following health content areas: mental and emotional health, nutrition, alcohol, tobacco and other drugs, and communicable and chronic diseases.

9780	PHYSICAL EDUCATION	Grade 8	Credit: N/A
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This course includes a comprehensive program of team sports, lifetime activities, and fitness exercises emphasizing personal fitness and growth. You will participate in a physical education atmosphere that allows you to grow physically, emotionally, and socially in a supportive and cooperative environment. Fitness tests are mandatory each year.

Science, Technology, Engineering, Arts, and Math (STEAM)

You will explore the potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields as well as other related fields of study.

NOTE: These courses meet three days per six-day cycle for one semester for a total of 45 days each.

9787C	AEROSPACE AND FLIGHT	Grade 8	Credit: N/A
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Experience the world of flight and rocketry. You will design and build anything from kites to rockets. In this program, you will learn the principles and history of flight and propulsion systems through a series of design and build assignments.

9785D	ART AND ARCHITECTURE	Grade 8	Credit: N/A
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In this course, you will create your own art based on some of the architectural styles used throughout the ages. Your artwork may be inspired by architectural features such as columns, arches, and stained glass window designs.

9785C	ART FROM MANY HANDS	Grade 8	Credit: N/A
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You will have the chance to explore art from many cultures worldwide. Your own works will be inspired by art from different countries, as well as our own. In addition, you will utilize various media to create your own original works.

785B	ART THROUGH THE YEARS	Grade 8	Credit: N/A
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This course will explore art from different periods in time. You will create your own art inspired by some of the great masters, but add your unique twist to their creations.

9786B	COOKING FOR LIFE	Grade 8	Credit: N/A
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You will participate in activities that will focus on cooking. You will learn to make main courses and side dishes. You will use applied math and science skills to produce items that lead to self-sufficiency and marketability. You will calculate and examine factors that influence the difference between the cost of production and the cost of retail. You will also explore the financial and environmental impact of the decision to produce or buy.

9787D	GREEN ENERGY	Grade 8	Credit: N/A
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Experience the world of sustainable energy. You will design, build and test solar collectors, windmills, and other green energy-producing systems. You will learn about producing and delivering electrical energy for residential use.

9787A	H2ROBOTICS	Grade 8	Credit: N/A
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Experience the world of underwater robotics. You will design and build an underwater remotely operated vehicle (ROV). This program teaches you how to build an underwater robot, build a propulsion system, develop a controller, and investigate weight and buoyancy.

9785A	INTRO TO 2D DESIGN	Grade 8	Credit: N/A
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This course is an introductory course in the visual arts related to two-dimensional art. You will learn basic design skills while experiencing a variety of media and techniques. You will have the opportunity to use creative thinking and problem-solving skills while designing projects.

9787B	MANUFACTURING AND CONSTRUCTION	Grade 8	Credit: N/A
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Experience the world of manufacturing and construction. This program teaches you how to use basic hand and power tools as you design and build projects using wood and/or metal and/or plastic. You will also learn about manufacturing and construction principles in the respective fields.

9786D	TEXTILES AND SEWING: COMMUNITY SERVICE	Grade 8	Credit: N/A
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You will participate in activities focusing on textile and sewing skills for community service. The items you create during the course will be donated to community organizations such as AWSOM Animal Shelter., Animals Can't Talk, The American Red Cross, and Shelters. You will use applied math and science skills to produce items that lead to self-sufficiency and marketability. You will calculate and examine factors that influence the difference between the cost of production and the cost of retail. Additionally, you will explore the financial and environmental impact of the decision to produce, redesign, reuse, repurpose, or buy new.

9786C	TEXTILES & SEWING: MAKE AND TAKE	Grade 8	Credit: N/A
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You will participate in activities that will focus on textiles and sewing skills. You will keep the items made during class. You will learn to interpret pattern directions and markings. You will learn to use sewing tools. You will learn to sew by hand and effectively operate a sewing machine. You will use applied math and science skills to produce items that lead to self-sufficiency and marketability. You will calculate and examine factors that influence the difference between the cost of production and the cost of retail. Additionally, you will explore the financial and environmental impact of the decision to produce, redesign, reuse, repurpose, or buy new.

9786A	THE WORLD OF BAKING	Grade 8	Credit: N/A
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You will participate in activities that will focus on baking. You will learn to work with leavening agents to prepare baked items such as muffins, breads, cookies, and cakes. You will use math and science skills to produce items that lead to self-sufficiency and marketability. You will calculate and examine factors that influence the difference between the cost of production and the cost of retail. You will also explore the financial and environmental impact of the decision to produce or buy.

Music Electives

NOTE: These courses meet three days per six-day cycle.

9985	CHORUS	Grade 8	Credit: N/A
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This full-year course is open to all eighth-grade students interested in singing. You will develop a repertoire of vocal music in various styles and languages, develop rehearsal and vocal techniques, be introduced to beginning sight singing, and present a number of public performances. No audition is necessary; however, a recommendation from the seventh-grade Choral Director may be used. You will be eligible to audition for the District X Songfest. In addition, you will have opportunities for extra-curricular activities such as small ensembles, show choir, and musical productions. These groups also require an audition.

9980	CONCERT BAND	Grade 8	Credit: N/A
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This full-year course is open to you if you have previous concert band experience. No audition is necessary; however, a recommendation from the seventh-grade band director may be used. As a member of the Concert Band, you will receive one group lesson and attend three ensemble rehearsals during the six-day cycle. You will participate in a music performance evaluation at the end of each semester. You will also develop a repertoire of instrumental music in various styles, develop rehearsal and practice techniques, and receive an introduction to beginning sight-reading. You will also have opportunities for extra-curricular activities such as Marching Band and Jazz Band.

9982	ORCHESTRA	Grade 8	Credit: N/A
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Membership in the eighth-grade Orchestra will be determined by audition and/or recommendation of the Orchestra Directors. As a member of the Orchestra, you will receive one lesson and attend three ensemble rehearsals during the six-day cycle. You will participate in a music performance evaluation at the end of each semester. A prerequisite requirement for this course is three years of ensemble experience or the equivalent and recommendation of the Orchestra Director.

Special Education

The Stroudsburg Area School District, directly or through a contract with other education agencies, provides special education programs and services required to meet your specific disabilities. An Individualized Education Program (IEP) is developed for you if you meet eligibility for special education services on a yearly basis. The IEP team provides the building-level team with program and course recommendations to meet your specific and individual needs. Regular and special education classes are available to address the needs outlined within the IEP. If your IEP states that you need a course or program that the Program of Study does not contain, that course or program may be added to your schedule through the IEP process.

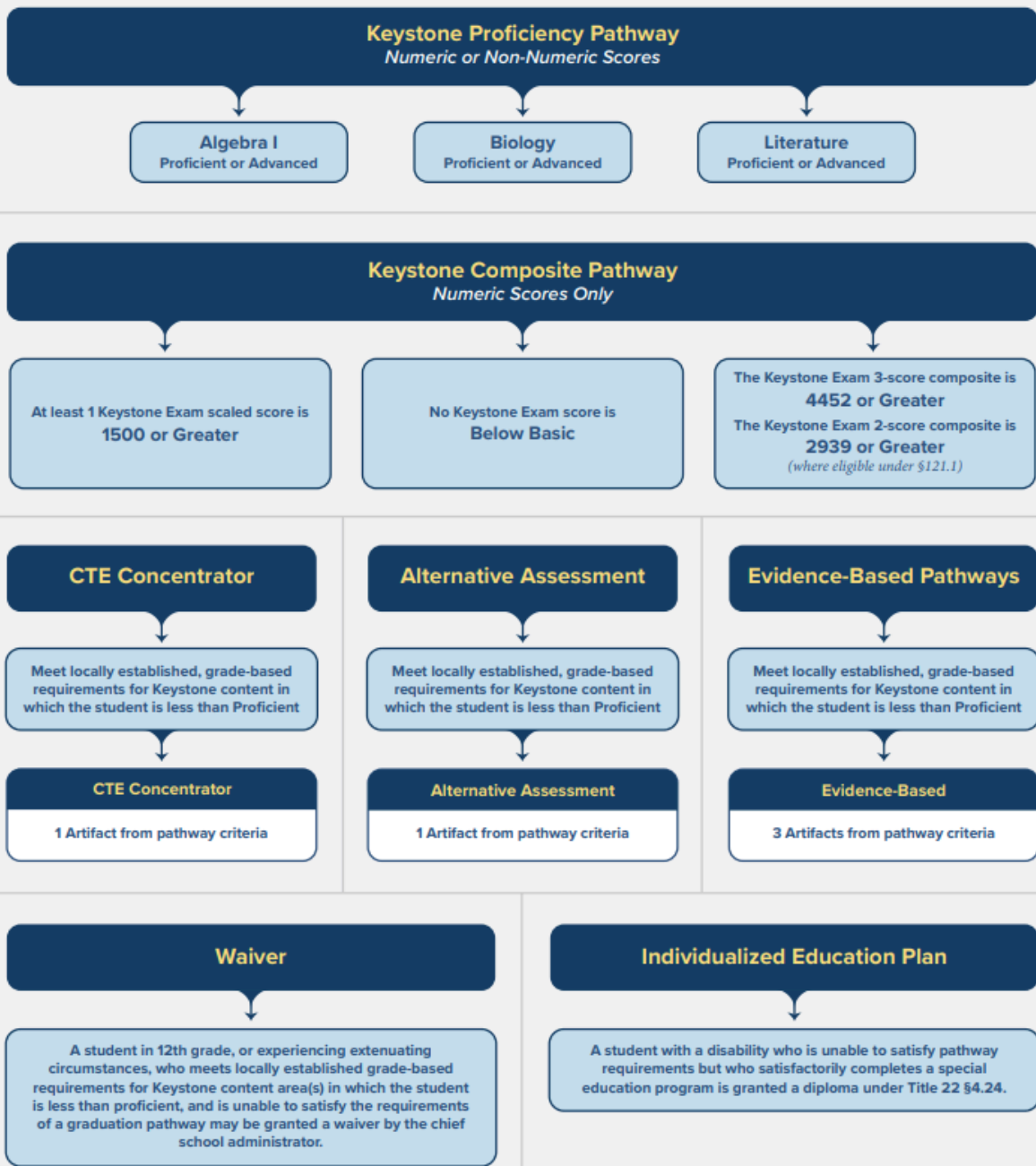
English as a Second Language

The ESL Program is offered to you if your primary language is something other than English. The primary objective of the ESL Program is to promote the acceleration of English skills. Emphasis is placed on developing oral and written language skills. You will be identified for this program by fluency level (beginning, intermediate, and advanced) and will receive instruction accordingly.

9126	ESL SUPPORT 8 FY	Grade 8	Credit: N/A
9127	ESL SUPPORT 8 3/6	Grade 8	Credit: N/A

The ESL Program is offered to you if your primary language is something other than English. The primary objective of the ESL Program is to promote the acceleration of English skills. The ESL Program emphasizes the development of oral and written language skills. You will be identified for this program by fluency level (beginning, intermediate, and advanced) and will receive instruction accordingly.

Pennsylvania Pathways to Graduation



NOTE: Although this infographic displays a sequential progression, students may fulfill criteria under the CTE Concentrator, Alternative Assessment, or Evidence-Based Pathways prior to demonstrating proficiency in Keystone academic content through Keystone Exam scores or locally established grade-based requirements.

Pathway Criteria

CTE Concentrator	Alternative Assessment	Evidence-Based
1 Artifact	1 Artifact	3 Artifacts consistent w/student goals ONE or more from Section One No more than TWO from Section Two
<p>Industry-based competency certification</p> <hr/> <p>Likelihood of industry-based competency assessment success</p> <hr/> <p>Readiness for continued engagement in CTE Concentrator program of study</p>	<p>Attainment of one alternative assessment score or better: ACT (21), ASVAB AFQT (31), PSAT/NMSQT (970), or SAT (1010)</p> <hr/> <p>Attainment of Gold Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on AP Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Attainment of 4 or better on IB Exam(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of concurrent enrollment course(s) related to each Keystone content area in which less than Proficient</p> <hr/> <p>Successful completion of a pre-apprenticeship program</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) 4yr program for college-level coursework</p>	<p>Section 1</p> <hr/> <p>Attainment of 630 or better on any SAT Subject Test</p> <hr/> <p>Attainment of Silver Level or better on ACT WorkKeys</p> <hr/> <p>Attainment of 3 or better on any AP Exam</p> <hr/> <p>Attainment of 3 or better on any IB Exam</p> <hr/> <p>Successful completion of any concurrent enrollment or postsecondary course</p> <hr/> <p>Industry-recognized credentialization</p> <hr/> <p>Acceptance into accredited, non-profit Institution of Higher Education (IHE) for college-level coursework in an other-than-4yr program</p> <hr/> <p>Section 2</p> <hr/> <p>Attainment of Proficient or Advanced on any Keystone Exam</p> <hr/> <p>Successful completion of a service-learning project</p> <hr/> <p>Letter guaranteeing full-time employment or military enlistment</p> <hr/> <p>Completion of an internship, externship, or cooperative education program</p> <hr/> <p>Compliance with NCAA Division II academic requirements</p>