Keystone Exam Proficiency & Graduation Requirements

To meet graduation requirements, you must successfully complete the course sequence in English, Mathematics, Science, Social Studies, Health, Physical Education, Engineering Technical Concepts, This Is Your Life and Career Planning. A total of 23.50 credits is required for graduation. You must schedule 6.5 credits per school year, not to exceed 8 credits.

Keystone Exams will be administered after the completion of the Keystone related course.

In addition to earning 23.50 credits, you must demonstrate proficiency on the Keystone Exams in order to qualify for a high school diploma defined under Graduation Requirements as listed below.

Beginning with the graduating class of 2019, if you have not met proficiency on any of the Keystone Exams, you will be required to participate in remediation prior to retaking the exam. After two non-proficient scores, you must complete a Pennsylvania Department of Education-issued project online. (Exceptions may exist if you have an IEP.)

If the above criteria is not met, other graduation considerations (dependent upon state approval) may include:

- Passing grades on the National Occupation Competency Testing Institute (NOCTI) (both theory and performance tests) for career-technical or regular education program completer students in state approved educational programs.
- Successful completion of academic IEP goals and objectives by students with disabilities.

The Pennsylvania Department of Education website, www.education.state.pa.us has helpful links on standards, the Keystone Exams, and other school-related topics.
Stroudsburg Area School District Graduation Requirements

To meet graduation requirements you must successfully complete the course sequence in English, Mathematics, Science, Social Studies, Health, Physical Education, Engineering Technical Concepts, This is Your Life and Career Planning.

23.50 credits are required for graduation. You must schedule 6.5 credits per school year, not to exceed 8 credits.

<table>
<thead>
<tr>
<th>9th grade</th>
<th>10th grade</th>
<th>11th grade</th>
<th>12th grade</th>
</tr>
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<tbody>
<tr>
<td><strong>English</strong> (choose 1)</td>
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<tr>
<td>American Literature H</td>
<td>World Literature H</td>
<td>Language &amp; Composition AP</td>
<td>Literature &amp; Composition AP</td>
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<td>English 10 CP</td>
<td>English 11 CP</td>
<td>Composition CP (.5 cr)</td>
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<td>English 9</td>
<td>English 10</td>
<td>English 11</td>
<td>Literature elective (.5 cr)</td>
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<td>English 10 R</td>
<td>English 11 R</td>
<td>English 12</td>
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<td><strong>Mathematics</strong> (choose 1)</td>
<td><strong>Mathematics</strong> (choose 1)</td>
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<td>Algebra 1B</td>
<td>Algebra 2</td>
<td>Geometry</td>
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<td>Algebra 2 CP</td>
<td>Geometry CP</td>
<td>Discrete Math &amp; Trigonometry CP</td>
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<td>Algebra 2 H</td>
<td>Geometry H</td>
<td>Algebra 3 &amp; Trigonometry CP</td>
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<td>Geometry</td>
<td>Algebra 3 &amp; Trigonometry H</td>
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<td>Algebra 2 (extended time)</td>
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<td>Algebra 2 CP</td>
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<tr>
<td>Geometry CP</td>
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<tr>
<td>Geometry CP (Algebra 1 CP completed)</td>
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<tr>
<td>Geometry H</td>
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<tr>
<td>Geometry H (Algebra 1 CP completed)</td>
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<td>Science (choose 1)</td>
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<tr>
<td>Physical Science H</td>
<td>Biology H</td>
<td>Chemistry H</td>
<td>Science class to equal one additional credit (5)*</td>
</tr>
<tr>
<td>Physical Science CP</td>
<td>Biology CP</td>
<td>Chemistry CP</td>
<td></td>
</tr>
<tr>
<td>Keystone Cell Biology &amp; Ecosystems</td>
<td>Keystone Biology &amp; Unity of Life</td>
<td>Chemistry 1</td>
<td>Total of 4 credits for graduation</td>
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<tr>
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<td>Social Studies (choose 1)</td>
<td>Social Studies (choose 1)</td>
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<tr>
<td>Civics, Govt &amp; 19th Century H</td>
<td>20th &amp; 21st Century Globalization H</td>
<td>Social Studies electives to equal one additional credit</td>
<td>Total of 3 credits for graduation</td>
</tr>
<tr>
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<td>20th &amp; 21st Century Globalization CP</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Civics, Govt and 19th Century</td>
<td>20th &amp; 21st Century Globalization</td>
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</tr>
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<td>Additional Course Requirements</td>
<td>Additional Course Requirements</td>
<td>Additional Course Requirements</td>
<td>Additional Course Requirements</td>
</tr>
<tr>
<td>Physical Education (required)(2)*</td>
<td>Physical Education (required)(2)*</td>
<td>Physical Education (required)(2)*</td>
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</tr>
<tr>
<td>This is Your Life (required)</td>
<td>Health (2)*</td>
<td>Career Planning</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Engineering &amp; Technical Concepts (4)*</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Electives or MCTI Program area</td>
<td>Electives or MCTI Program area</td>
<td>Electives or MCTI Program area</td>
<td>Electives or MCTI Program area</td>
</tr>
<tr>
<td>Arts and Humanities (3)*</td>
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<td>6.5 - 8.0 credits per year</td>
<td>6.5 - 8.0 credits per year</td>
<td>6.5 - 8.0 credits per year</td>
<td>6.5 - 8.0 credits per year</td>
</tr>
</tbody>
</table>

(1)-(5) – see information at the top of page 4 for 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 any department except Math, Science, Business, Health & PE to fulfill this requirement.
(4) Career Planning and Engineering & Technical concepts are required for graduation. If you attend MCTI and complete your program area, you are not required to take Career Planning or Engineering & Technical Concepts. In addition, if you take a technology class in 9th or 10th grade, you are exempt from Engineering & Technical Concepts.
(5) if you attend MCTI for three years you are also waived from taking an additional science class.

Policy on Program Changes
A program selected after careful study and consultation between you, your parents/guardians, teachers, and just counselor should require no major change. The “Course Selection” form is a contract between you and your school. The school will attempt to guarantee that you will get the courses you select.
If you wish to initiate a change in your original course requests, you are urged to do so prior to the end of the current school year. You may change your chosen schedule of courses by counselor availability during the summer. Changes to schedules after the school year begins are subject to availability and other criteria outlined in the Student Handbook. You may not drop a class to take a study hall.

Course Level Waivers
Recommendations for Honors, Advanced Placement, College Prep, Core, and Workshop level classes are made based on classroom and academic performance, as well as, review of standardized test scores (CDTs, PSSA, etc.). If you are not recommended for a particular level, you may choose to sign a Course Waiver. A Waiver Form must be requested from the school counselor in order to obtain a change in the level of a course not recommended by the department. The school’s course-drop policy expects 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. No course may be dropped for a study hall, and all requested changes will be dependent upon the newly selected course availability and principal’s approval. No change in the schedule will be considered until until your parent(s)/guardian(s) has received the first progress report for the course(s). If you receive permission through the guidance office to drop the class, you will receive a failing grade which will be recorded on your report card and transcript as WF (Withdraw Fail). Exceptions to this WF rule may be appealed directly to the building 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.

Concurrent Enrollment
If during your senior year you wish to pursue college courses while enrolled in high school, you must complete an application requesting permission. The applications are available in the guidance office. 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 credits towards GPA and class rank. One high school elective credit will be granted for each three-credit college course successfully completed. Any additional courses taken at the college level may be attached to transcripts. It is your responsibility to make sure an official transcript from the college is issued to the high school.
Early Graduation
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 purposes of college admissions, 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.

Academic Programs

Advanced Placement Program
The Advanced Placement (AP) is an internationally recognized program of specific courses and curriculum sponsored through The College Board. These course-level courses prepare you to take the Advanced Placement Exams which can lead to advanced standing in college and college credit. The AP Program gives you a chance 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 and are primarily offered to juniors and seniors. 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 Program (H) 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 Program (CP) is a program designed to prepare you to continue your education after high school at a college, university, and/or a post-secondary Career and Technical School. Classes will foster the development of critical-thinking and problem-solving skills. This is accomplished with a well-planned and appropriate curricular program that is realistic as well as challenging.

Core Program
The Core Program is designed to put curriculum and theory into practice. The emphasis is placed upon the skills needed to function in an increasingly complex world. Typically, this program is designed to prepare you to enter a technical school, community college, two-year college, or the workplace directly out of high school.

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

Note: All students are required to demonstrate proficiency in state-developed Keystone Exams in order to meet graduation requirements regardless of 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 www.collegeboard.com/sat-register
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 & universities, it is important for you 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 web site: www.ncaac.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 at the time this document went to print. 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).

Co-curricular Athletics & Activities

As a student of the Stroudsburg Area School District, you are given the opportunity to participate in a broad range of co-curricular activities. These are designed to foster personal development and enrich your high school experience. Athletics and activities are an extension of the educational program in the Stroudsburg Area School District. You learn important 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 helping to foster success after graduation. Research has shown that students who are involved in co-curricular activities tend to have higher grades, less discipline problems and better attendance. You are strongly encouraged to become involved in one or more of the many offerings that we have in athletics and activities. For the most up-to-date information, contact your school guidance office or the Athletics and Activities Office.
Sports Offered

<table>
<thead>
<tr>
<th>Fall</th>
<th>Winter</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheerleading</td>
<td>Boys Basketball</td>
<td>Baseball</td>
</tr>
<tr>
<td>Boys’ Cross Country</td>
<td>Girls’ Basketball</td>
<td>Girls’ Soccer</td>
</tr>
<tr>
<td>Girls’ Cross Country</td>
<td>Cheerleading</td>
<td>Softball</td>
</tr>
<tr>
<td>Field Hockey</td>
<td>Boys’ Swimming</td>
<td>Boys’ Tennis</td>
</tr>
<tr>
<td>Football</td>
<td>Girls’ Swimming</td>
<td>Boys’ Track &amp; Field</td>
</tr>
<tr>
<td>Golf</td>
<td>Wrestling</td>
<td>Girls’ Track &amp; Field</td>
</tr>
<tr>
<td>Boys Soccer</td>
<td>Rifle</td>
<td></td>
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<tr>
<td>Girls’ Tennis</td>
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<td></td>
</tr>
<tr>
<td>Girls’ Volleyball</td>
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<td></td>
</tr>
</tbody>
</table>

Activities & Organizations Offered:

High School
Amnesty International
Art Club
Avedium
Band
Best Buddies
Bowling Club
Chamber Orchestra
Chess Team
Chorale
Debate Team
Diversity GSA
Drama Club
Drill Team
Environmental Conservation Club
Future Business Leaders of America
Chamber Orchestra Freshman Class
Jazz/Marching Band
Model Congress J. H.
Science Olympiad
Show Choir
Ski Club
Spelling Bee - 8/9
Stock Market Club
Student Ambassadors
Technology Student Association
Yearbook Club 8/9

Junior High School
Building Buddies
Chamber Orchestra
Chess Club
Diversity Club
Drill/Step Team
Future Business Leaders of America
Jazz Band
Science Olympiad
Show Choir
Spelling Bee
Technology Student Association
Yearbook Club

Monroe Career & Technical Institute

As a student enrolled at Stroudsburg Junior/Senior High School, you have the opportunity to attend the Monroe Career & 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:
- 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 & Technical Institute for interested students during the school day.
- A completed application returned 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
- Career Cruising portfolio and program compatibility based on the results.

Career Cruising

The Stroudsburg Area School District has implemented the Career Cruising Portfolio System beginning at the Junior High School. It is introduced to you during Career Awareness class in 8th grade, This is your Life! in 9th grade and Career Planning at the High School. You are encouraged to use Career Cruising throughout High School to assist in career development and focus on improved career exploration. It can help create career and education plans for high school and beyond as well as aid in resume development. This program will help to better serve you in choosing a career pathway and understand what is required to meet success. Once you complete the Career Matchmaker, which is a career assessment tool, the options are endless. There are career descriptions, career video clips, salaries, required education and links to every college in the United States. This program is a portfolio tool that has one goal in mind: to help you plan your future. Once you receive your username and password in 8th grade it can be used throughout your high school career. If you do not have a password, please see your school counselor.

Directions:
Go to www.careercruising.com
Type in the username (student ID#)
Type in the password (user password)
Click on login to start Career Cruising.
Experiment, look around, see what Career Cruising can offer you.
The Program of Study contains information about Career Clusters and Pathways. Career Clusters provide information on 16 grouping of occupations that are a broad grouping of careers that share similar characteristics with common interests, strengths and competencies that help you explore similarly grouped career options. A Career Pathway corresponds to those career options and is designed to help you focus on your elective courses in preparation for a specific career area. This information is designed to help 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 Career Cruising Portfolio as well as discussions with your parent(s), guardian(s), school counselor, educators, and/or community members.

16 Career Pathways/Clusters:

- Agriculture, Food & Natural Resources*
- Architecture & Construction
- Arts, A/V Technology & Communications
- Business Management & Administration
- Education & Training
- Finance
- Government & Public Administration
- Health Science
- Hospitality & Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections & Security
- Manufacturing
- Marketing
- Science, Technology, Engineering & Math
- Transportation, Distribution & Logistics

*(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.

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

http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/ArtsandCommunications.aspx#tab-1

**Cluster #1**

**ARTS, A/V TECHNOLOGY & 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

<table>
<thead>
<tr>
<th>Are you interested in...</th>
<th>Can you or are you willing to...</th>
<th>Do you enjoy...</th>
</tr>
</thead>
<tbody>
<tr>
<td>News Reporting and Writing</td>
<td>Sing</td>
<td>Writing</td>
</tr>
<tr>
<td>Interviewing and Reviewing</td>
<td>Play an Instrument</td>
<td>Making Videos</td>
</tr>
<tr>
<td>Multi-Media Productions</td>
<td>Be Creative</td>
<td>Working with Film</td>
</tr>
<tr>
<td>Acting</td>
<td>Act</td>
<td>Props</td>
</tr>
<tr>
<td>Radio, TV, Film, Video Performing in a Band, Chorus</td>
<td>Articulate Clearly</td>
<td>Seeking Creative Ideas</td>
</tr>
<tr>
<td>Attending Concerts</td>
<td>Write and Conduct Interviews</td>
<td>Working with Sound</td>
</tr>
<tr>
<td></td>
<td>Meet Deadlines</td>
<td>Effects</td>
</tr>
<tr>
<td></td>
<td>Sell</td>
<td>Performing in front of a Live Audience</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Work with Computers</td>
</tr>
</tbody>
</table>

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

**Possible Careers:**
- Public Relations (M)*
- Commercial Artist
- Design
- Journalist
- Singer
- Artist
- Musician
- Graphic Artist (M)*

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

http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/ArtsandCommunications.aspx#tab-1

**Cluster #2**

**BUSINESS, FINANCE & 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

<table>
<thead>
<tr>
<th>Are you interested in...</th>
<th>Can you or are you willing to...</th>
<th>Do you enjoy...</th>
</tr>
</thead>
<tbody>
<tr>
<td>A business environment Management Advertising Marketing and Sales Computers and technology Web Development Presentations to groups Legal issues Accounting Different work sites</td>
<td>Work easily with others Organize your time efficiently</td>
<td>Meeting with groups</td>
</tr>
<tr>
<td></td>
<td>Work with statistics Use computers and other technology Pay attention to details Solve problems</td>
<td>Making budgets</td>
</tr>
<tr>
<td></td>
<td>Work independently Show initiative Work on a team</td>
<td>Organizing a project</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Planning an event</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Working with technology</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selling products and services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Processing numbers and figures</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Preparing financial reports</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Following directions</td>
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<tr>
<td></td>
<td></td>
<td>Learning new software programs</td>
</tr>
</tbody>
</table>

If you answered “yes” to most of these questions, you might consider a future in one of these careers:
Possible Careers:
Accountant  Stock Broker
Bank Teller  Events Planner
Store Manager  Advertising
Administrative Support  Real Estate Expert
Entrepreneur  Insurances
Computer Science  Computer Networking and Security (M)*
Marketing (M)*  Hotel, Resort and Tourism (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.

For more information relating to careers in this cluster, check out the following website:
http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/EngineeringIndTech.aspx#tab-1

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 & Construction Pathway
• Manufacturing Pathway
• Transportation, Distribution & Logistics Pathway

<table>
<thead>
<tr>
<th>Are you interested in...</th>
<th>Can you or are you willing to...</th>
<th>Do you enjoy...</th>
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<tr>
<td>Building and Construction Tools, Equipment and Materials Woodworking Math and Science Classes Fitness and Sports Precision Work Design and Architecture Engineering Computer Technology Production Management Curious how things work</td>
<td>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</td>
<td>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 Pay close attention to detail</td>
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</tbody>
</table>

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

Possible Careers:
Engineer (M)*  Carpenters (M)*
Precision Machining (M)*  Warehouse Manager
Auto Mechanic (M)*  Drafter (M)*
Plumber (M)*  Welder (M)*
Mason (M)*  Equipment Manager
Diesel Mechanic (M)*  HVAC (M)*
Electrician (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.

For more information relating to careers in this cluster, check out the following website:
http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/EngineeringIndTech.aspx#tab-1

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 & Training Pathway
• Government & Public Administration Pathway
• Hospitality & Tourism Pathway
• Human Services Pathway
• Law, Public Safety, Corrections & Security Pathway

<table>
<thead>
<tr>
<th>Are you interested in...</th>
<th>Can you or are you willing to...</th>
<th>Do you enjoy...</th>
</tr>
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<tbody>
<tr>
<td>Working with People Owning Your Own Business Aging Adults Child Development Family &amp; Social Services Food Preparation Teaching Counseling</td>
<td>Organize Well Plan and Direct Programs Be Creative Communicate Well Assume Leadership Work with a Team Use Inter-personal Skills Be Conscientious and Dependable Plan Budgets</td>
<td>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</td>
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</table>

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

Possible Careers:
Counselor  Teacher
Hotel, Resort and Tourism (M)*  Police Officer (M)*
Military Officer (M)*  Cosmetologist (M)*
Sales Consultant  Sports Recreation
Chef/Caterer (M)*  Government
Lawyer

*(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.

For more information relating to careers in this cluster, check out the following website:
http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/HumanServices.aspx#tab-1

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 & Natural Resources Pathway
• Health Science Pathway
• Science, Technology, Engineering & Mathematics Pathway

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<th>Can you or are you willing to...</th>
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<td>Design and Application</td>
<td>Problem Solving</td>
<td>Critical Thinking</td>
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<tr>
<td>Observation and Data Collection</td>
<td>Collaboration</td>
<td>Creativity</td>
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If you answered “yes” to most of these questions, you might consider a future in one of these careers:

Possible Careers:
Biologist  Nutritionist
Chemist  Nurse
Doctor  Dentist
Pharmacist  Optometrist
Scientist  Orthotist

*(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.

For more information relating to careers in this cluster, check out the following website:
http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/ScienceHealth.aspx#tab-1
### Are you interested in…

- Health Care
- Science and Medicine
- Medical Research
- Food Production
- Environment & Conservation
- Pharmacy
- Physical Therapy
- Sports/Fitness
- Information Systems
- Conservation
- Radiology

### Are you willing to…

- 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
- 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
- Making a contribution to society
- Working with numbers
- Developing conclusions from a database

### Do you enjoy…

- Paying attention to detail
- Using a computer and technology
- Working in a lab setting or medical facility
- Applying a scientific theory to real-life problems
- Working outdoors around animals and plants
- Collecting and analyzing data from experiments
- Working with people in need
- Working with science and math theories

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

**Possible Careers:**
- Dentist
- Physician (M)*
- Lab Technician (M)*
- Animal Sciences
- Forestry
- Veterinarian
- Occupational Therapist (M)*
- Physical Therapist (M)*
- Dietician
- Nurse (M)*
- Agribusiness

*(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.

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

http://www.education.pa.gov/K-12/PACareerStandards/CareerPathways/Pages/ScienceHealth.aspx#tab-1
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Course Descriptions
Grades 9 through 12

COURSE CHARACTERISTICS ABBREVIATIONS
AP = Advanced Placement
H = Honors
CP = College Preparatory
W = Workshop
s = Semester course
L = Course includes double laboratory periods

Art

The art curriculum at the high school level is designed to provide 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 lends itself to higher-level thinking, self-discipline and self-motivation, planning, commitment, and respect for others' opinions.

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

6110  ART MAJOR 1
Grades 9 - 12
Credit: 1.00

(Recommend: These courses must be taken in sequence. For Art Major 2, students should have successfully completed Art Major 1)
The purpose of Art Major 1 and 2 is to introduce you to the many areas of the Arts. Basic foundations of design, painting and drawing will be included during the course of the year. Emphasis is placed on independent projects. The course is open to all students interested in the different levels of art.

6120  ART MAJOR 2
Grades 10 - 12
Credit: 1.00

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

6130  ART MAJOR 3
Grades 11 - 12
Credit: 1.00

(Recommend: Successful completion of Art Major 1 & 2)
Art Major 3 explores a broader spectrum of creative expression. By using foundations in art learned in Art 1 and Art 2 to reinforce traditional art media (acrylic paints, watercolor, charcoal, ink, etc.), the course offers an in-depth study of the art world. 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

(Recommend: Successful completion of Art Major 1, 2, & 3.)
It is recommended that before entering Art 4 you achieve a competency level in Art 1, 2, and 3. The majority of projects in Art 4 emphasize the expansion of individual skills and consequently are more difficult to solve. You will be challenged on every project. You will be expected to maintain a professional portfolio according to your individual skills. You will be expected to exhibit responsibility in the development of school, district, and community art shows.

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

6123  CERAMICS (s)
Grades 10 - 12
Credit: 0.50
You will learn the physical and chemical properties of clay 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. Glaze application and kiln usage will also be covered in this course.

6125  SCULPTURE
Grades 10 - 12
Credit: 1.00
(Recommend: Successful completion of Art 1 or Ceramics)
This course is an entry-level sculpture class if you have successfully completed Art Major 1 or the Ceramics class. You should have a basic understanding of drawing, design and a variety of media and their applications. There will be an emphasis on the modeling process and spatial elements. You will explore multiple compositional styles and mastery of historical and contemporary influences on the sculptural process.

6146  AP STUDIO ART: PORTFOLIO PREPARATION
Grade 12
Credit: 1.00
(Recommend: Successful completion of Art Majors 1, 2, 3, or a combination of Art Majors and other art courses.)
This class is designed for seniors who are serious art students considering a career in the field of art. Throughout the course of the year, you will be focusing on foundation art skills such as drawing, painting, design and sculpture. You will explore a variety of media and techniques, and will also develop a portfolio incorporating original work and photographs and/or slides of work. You will have an opportunity to submit a portfolio for AP College Board review consisting of Section I: Quality, Section II: Concentration, and Section III: Breadth. If you are planning to take the AP Studio Art course, you need to submit a portfolio of ten pieces completed in your tenth and eleventh grade years, as well as completed paperwork, for review by the high school art department.

6145  INDEPENDENT STUDY PROGRAM
Grade 12
Course meets 6/6 days per cycle
Credit: 1.00 or 0.50
The purpose of an Independent Study in the Visual Arts is to advance your skills and creativity in the field of art and give you the opportunity to expand your talents in a "concentration" area (i.e. drawing, illustration, fibers, sculpture, etc.) of artistic study. Projects are designed to fully challenge your individual art skills while serving to provide you with the opportunity to assemble a professional quality portfolio. You will also have the opportunity to work with Digital SLR Cameras, iMac computers and Adobe Photoshop for manipulating your art and photography.

The intent of this program is 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:
1. You must have attained the status of senior.
2. You must have had an A average in previous course work in the Visual Arts.
3. 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. 4. 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.

### 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. If you will graduate and operate a small business, as well as if you want to be a future entrepreneur, you need to understand the principles of business if you are to make wise decisions. No student can function in today’s society and escape the need for the life-long lessons that are 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, to produce professional documents, to communicate via Internet, and to research topics utilizing libraries around the world. If you study business education, you will have increased opportunities to succeed in whatever field you choose to pursue.

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

#### 7150 INTRODUCTION TO BUSINESS

**Grade 9**

**Credit: 1.00**

Introduction to Business not only serves as a foundation upon which future business courses will be built, but also enriches you with beneficial knowledge you will use on a daily basis – in and outside of school. It deals with economic concepts at a simplified level so that you can grasp an idea of how our business world works. You will be introduced to the business world both locally and internationally. Banking services, money management, insurance policies and consumer rights and responsibilities are some of the topics included in this course. In later courses, these concepts are developed in detail giving a more complete picture of business organization.

#### 7151 ADVANCED COMPUTER APPLICATIONS (s)

**Grade 9**

**Credit: 0.50**

Using various platforms such as Microsoft Office and Google, you will learn to create and enhance documents. Time will also be spent in Publisher to create calendars, brochures and other types of business-related materials. Additional components taught in this class include web 2.0 tools, online collaboration, Google Maps and other Google concepts.

#### 7152 DIGITAL MULTIMEDIA (s)

**Grades 9 - 12**

**Credit: 0.50**

You will create and enhance photos using Photoshop techniques. This skills-based course will prepare you for college and the workforce by developing skills that can be used in a variety of business related fields. In addition, you will learn to make powerful presentations with advanced features of Microsoft PowerPoint as well as various online presentation programs. You will also learn the basics of Photo Composition through the use of digital cameras in the classroom. Software to be covered includes Adobe Photoshop, PowerPoint, Publisher, as well as the Internet and Adobe Flash.

#### 7153 BASIC KEYBOARDING (s)

**Grade 9-12**

**Credit: 0.50**

This course is designed for those that have LIMITED TO NO keyboarding experience. This semester course provides you with hands-on training in the correct touch typing techniques on computers. Basic word processing skills and formatting is emphasized to promote efficient document creation. Personal business letters, memos, and simple reports are also included in the course.

#### 7154 COMPUTER SKILLS (s)

**Grade 9**

**Credit: 0.50**

*(Recommend: Successful completion of Basic Keyboarding)*

This course will introduce computer components and software packages used in the workplace. You will have hands-on experience using word processing, database, spreadsheet and presentation software. Applications of the computer will be stressed. If you have passed Advanced Computer Applications (B155), you may not take this course.

#### 7235 WEB TOOLS (s)

**Grades 9 - 12**

**Credit: 0.50**

This course provides the opportunity for you to develop the skills needed to find information on the worldwide web. You will demonstrate these skills in various content areas. You will learn how to develop search strategies, use search engines, web indexes and advanced web searches. The creation of basic web pages, blogs and podcasts will also be completed during the course. Discussions of protecting one’s computer will be part of this course. This course is a must for all college-bound students.

#### 7259 INTRODUCTION TO VIRTUAL ANIMATION DESIGN (s)

**Grades 10 - 12**

**Credit: 0.50**

This course will provide conceptual understanding of animation design and practical experience in the design and the development of animation. The course will enhance your skills in the areas of communication, problem solving, analyzing and critical thinking. You will be creating and adding animation to a variety of games and will also use problem-solving skills in technology as a systematic process. You will evaluate and review animation in production.

#### 7260 BUSINESS PRACTICES & PROCEDURES (s)

**Grades 10 - 12**

**Credit: 0.50**

If you participate in this course, you will obtain lifelong business communication and presentation skills to succeed in our ever-changing global society. You will learn ethical and social responsibility, rules of parliamentary procedure and develop and demonstrate good communication, decision-making and leadership skills. The experiences gained in this course may be used in real-life situations. If you are involved in FBLA or other student leadership organizations, you are strongly encouraged to take this course.

#### 7270 PERSONAL FINANCE (s)

**Grade 10 - 12**

**Credit: .50**

Personal Finance is designed to build skills in planning for one’s financial future. Many topics will be covered including banking, budgets, credit, loans and interest, purchasing a home and car, gross and net pay, insurances, personal taxes, tax return preparation and other concepts for personal finance.

#### 7220 ACCOUNTING 1

**Grades 10 - 12**

**Credit: 1.00**

In Accounting 1, you will acquire an understanding of basic accounting principles and procedures used in daily business operations. Simulated office experiences are provided to help you understand the accounting cycle. This course is designed to prepare you to enter the workforce after
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 renting. You will experience legal situations 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.

The English Department offers a variety of courses to meet your needs: Advanced Placement and Honors courses, College Preparatory courses, courses for Core Curriculum program, Reading/Writing Workshops if you are in need of remediation, and a full complement of elective courses. The Department also provides an Individualized Program if you are identified as needing additional instruction and practice, and a Writing Lab is maintained to assist you with the completion of coursework. The Department also

graduation or attend a community or four-year college to major in business and finance. You will also be introduced to computerized accounting using textbook software.

7320 ACCOUNTING 2 - H
Grade 11-12
Credit: 1.00
(Recommend: Successful completion of Accounting 1)
Accounting 2 builds on basic principles learned in Accounting I. 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. Peachtree Accounting and Microsoft Excel will be used to complete accounting problems. Emphasis is placed on the analysis of accounting data by managers and others involved in making day-to-day business decisions.

7256 WEB PAGE DESIGN (s)
Grades 10 - 12
Credit: 0.50
This course will provide the opportunity for 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 type of computer system. You will not only acquire impressive programming skills quickly, you will also be able to apply these skills to several other popular programming languages such as Java, C++, or Pascal.

7257 ADVANCED WEB PAGE DESIGN (s)
Grades 10 - 12
Credit: 0.50
(Recommend: Successful completion of Web Page Design)
This 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 and Dreamweaver, and other possible programming languages. You will also learn the JavaScript language in this course to extend the functionality of HTML. JavaScript source code will be integrated with HTML in order to enhance the capabilities of Web pages. You will apply the knowledge and skills acquired in Web Page Design in the creation of web pages used by the district and possibly outside businesses, community members, or any other seeking your services.

7354 MACROMEDIA WEB DESIGN
Grades 11 - 12
Credit: 1.00
(Recommend: Successful completion of Web Page Design)
This course introduces Macromedia’s suite of Web-authoring applications, and shows how to use them to create appealing and cutting-edge multimedia. The course will use Macromedia programs such as Flash 8, Dreamweaver 8, and Fireworks 8. This course takes on adding special effects to web authoring. You will create an interactive home page as a final project for this course.

7352 BUSINESS LAW
Grades 11 - 12
Credit: 1.00
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 renting. You will experience legal situations 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)
Grades 10-12
Course meets 3/6 days per cycle
Credit: 0.25
(Required for Graduation)
This course provides the opportunity to explore career options and pathways. An emphasis is placed on communication skills, resume writing, the application process, interviewing techniques, and personal presentation as they relate to educational and career planning. A one-day job shadowing experience is a requirement for this course. All elements of this course must be completed successfully in order to graduate.

7254 SPORTS, ENTERTAINMENT & FASHION MARKETING
Grades 10 - 12
Credit: 1.00
This course stresses sports marketing and the principles that are behind marketing athletics. The course will also discuss the entertainment and fashion marketing industries. You will have the opportunity to have hands-on experience in sports marketing and develop a marketing presentation.

7251 ENTREPRENEURSHIP & BUSINESS MANAGEMENT
Grades 10 - 12
Credit: 1.00
This course will help you obtain an understanding of how business works in society. You will explore the idea of creating and managing your own business. You will design your own small business and develop a quality business plan. The course will cover such topics as entrepreneurship, economic principles, management styles, human relations skills, managing inventory, production management, operations & staffing and risk management on both a personal and professional level.

7253 INTERNATIONAL BUSINESS
Grades 11 - 12
Credit: 1.00
This course introduces you to business principles that are important to be successful in the global marketplace. It acquaints you with economic concepts that are central to the operation of successful international economic enterprise. 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.

7452 OFFICE APPRENTICESHIP
Grade 12
Courses meet 6/6 days per cycle
Credit: 0.50 or 1.00
(Prerequisite: Complete application process with department chairperson)
This senior course is designed to give business students the opportunity to apply theoretical concepts to practical applications in actual on-campus office environments. This course provides an excellent vehicle for attaining job competencies and developing work attitudes, habits, and ethics that will enhance employability. You will be designated as apprentice workers in various office settings where they will both apply and improve skills acquired in the classroom.

7451 OFFICE APPRENTICESHIP (s)
Grades 10-12
Course meets 3/6 days per cycle
Credit: 0.50 or 1.00
(Required for Graduation)
This course provides the opportunity to explore career options and pathways. An emphasis is placed on communication skills, resume writing, the application process, interviewing techniques, and personal presentation as they relate to educational and career planning. A one-day job shadowing experience is a requirement for this course. All elements of this course must be completed successfully in order to graduate.

English
provides services for English Language Learners through our English as a Second Language (ESL) Program.

Toward the successful completion of course requirements, you will perform research tasks, read and comprehend a variety of texts, solve problems and make decisions, write for a variety of purposes, analyze and make critical judgments, exchange information orally and develop listening skills, and produce and publish work.

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

1110  ENGLISH 9-H AMERICAN LITERATURE (NCAA)
Grade 9
Credit: 1.00

(All students taking this course will take the Literature Keystone Exam in the Spring.)

This course is designed to meet the needs of college-bound students who have mastered usage and writing skills, are avid readers, and who have a keen desire to become more sophisticated users of the English language. The course is a survey of American Literature that 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, a substantial emphasis will be given to producing short analysis papers and essay responses as an avenue towards constructing an articulate and polished larger paper. Independent reading of all selected classics of American literature will be a requirement in this course.

1120  ENGLISH 9 - CP (NCAA)
Grade 9
Credit: 1.00

This course includes vocabulary development, the study of grammar and related writing problems, and speech preparation. The study of literature includes the genres of short fiction, drama, poetry, and the novel. As a College Preparatory student, you should demonstrate a desire to develop your English skills so that you will succeed in college. Specific works of literature encountered will include Romeo and Juliet, Great Expectations, and short stories by Benet, Connell, Guthrie, and Hurst. Writing assignments include a fictional narrative and an extended expository paper.

1130  ENGLISH 9
Grade 9
Credit: 1.00

This course includes study skills, applied grammar, vocabulary development, the study of literature, and job-related skills. As an English 9 student, you should exhibit a desire to continue your education after senior high school, typically at a technical school or community college, or seek meaningful employment. Class work will emphasize hands-on projects and application. Effective communication skills are an integral component to this course.

1140  ENGLISH 9 WORKSHOP
Grade 9
Credit: 1.00

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 a variety of reading assignments including short stories, novels, and plays. The reading and writing process will be highlighted 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. In the event that all sections become filled, additional criteria will be implemented to determine eligibility. You will be scheduled for a full year of Reading/Writing Edge (1141) along with this course.

1141  READING/Writing EDGE 9
Grade 9
Credit: 1.00

If you have been identified as needing additional instruction and guided practice with reading, writing and language arts, this program is designed for you. If you have not reached 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 or scores from the previous school (PSSA or other state assessment). 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 not reached proficiency on the PSSA in eighth grade. In the event that all sections become filled, additional criteria will be implemented 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.

1210  ENGLISH 10-H WORLD LITERATURE SEMINAR (NCAA)
Grade 10
Credit: 1.00

(Students who have not taken the Literature Keystone Exam will take it in the Spring.)

This course employs a thematic approach to the study of literature. The development of the hero in literature is traced. Works are read in their entirety and typically include The Epic of Gilgamesh, Gawain and the Green Knight, Oedipus, the King, and Hamlet. You will alternate writing literary analysis papers with various projects. You are also expected to participate daily in class discussion. Vocabulary is presented weekly. SAT testing elements are emphasized. The mechanics of writing are presented through a prescriptive approach in relation to specific writing tasks. You are expected, at times, to generate your own topics and to write with absolute voice and style. The course also puts a strong emphasis on grammar to coincide with the SAT writing section. Students enrolled in this course will be assigned independent summer reading and writing assignments. More specific information will follow when scheduling for this course.

1220  ENGLISH 10 - CP (NCAA)
Grade 10
Credit: 1.00

(All students taking this course will take the Literature Keystone Exam in the Spring.)

This course is designed to meet your needs if you want to enter college or other post-secondary education after high school. The course includes a survey of American literature, vocabulary development, spelling, a review of punctuation, informative oral presentation, and correction of writing problems. Writing assignments will include journal entries, essays, diary entries of a fictional character, a memoir, and a self-assessment paper. This course is a survey of American literature. Authors read include Irving, Poe, Bryant, Hawthorne, Emerson, Thoreau, Porter, Fitzgerald, Hemingway, Salinger, Updike, Frost, Whitman, and Cummings. Intensive independent reading from selected works, including novels, is required as well as several short analysis papers.

1230  ENGLISH 10
Grade 10
Credit: 1.00

(All students taking this course will take the Literature Keystone Exam in the Spring.)

The course for tenth grade is designed to meet your needs if you are interested in entering the workforce, technical school, or a two-year college following high school graduation. This course will include components concerned with communication in the workplace, vocabulary, spelling, American literature, writing and usage. You will read short stories, plays, and novels by a variety of authors such as Poe, Jackson, Rose, Wilde,
You may choose to take this course as your English credit for your junior or senior year. It is a college-level course that offers you the opportunity to specialize in language and composition and to 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, definition, a book review, narration, and comparison/contrast. You will also write for publication. Sophisticated expression is the goal. Students enrolled in this course will be assigned independent summer reading and writing assignments. More specific information will follow when scheduling for this course.

1300 AP LANGUAGE AND COMPOSITION (NCAA)
Grades 11-12
Credit: 1.00

This course represents the third level of the curriculum designed if you are entering a vocational school, a community or four-year college, the military, or the workplace. 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 (you may also be provided with the chance to read contemporary selections). The required units include The Epic of Gilgamesh, The Odyssey by Homer, Oedipus the King by Sophocles, and Hamlet by Shakespeare. This assignment will serve as an avenue for continuous instruction in reading, writing, and speaking and listening skills based on the Pennsylvania State Standards. Through presentation of projects, technology, and differentiated materials, you will gain an appreciation and understanding of literary and practical skills needed for success in their future.

1330 ENGLISH 11
Grades 10-12
Credit: 1.00

Hemingway, Hawthorne, and Frost. Writing assignments will include character sketch and essay answers. The course will deal with problems in usage and mechanics such as punctuation, word agreement, recognizing correct sentences, and words often confused.

1353 STUDIES OF SCIENCE FICTION (s)
Grades 10-12
Credit: 0.50

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 stresses critical reading and literary analysis. Works such as Macbeth, Madam Bovary, As I Lay Dying and other works of comparable literary value will be read. Short stories by John Cheever and James Joyce will be studied, as well as poets Keats, Eliot, and Donne. Writing assignments will include book reviews, analysis papers, research papers, and journal entries. Class work will be devoted to discussing the literary works, peer editing of 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. More specific information will follow when scheduling for this course.

1320 ENGLISH 11 - CP (NCAA)
Grade 11
Credit: 1.00

This course is a survey of major British authors. Poetry, the novel, drama, and short story are studied. Authors that students might encounter include Nadine Gordimer, V.S. Naipaul, Anita Desai, William Shakespeare (Macbeth), John Keats, Charlotte Bronte, 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.

1420 COMPOSITION - CP (s) (NCAA)
Grade 12
Credit: 0.50

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 themes in literature, and identifying various critical approaches.

1421 BRITISH LITERATURE - CP (s) (NCAA)
Grade 12
Credit: 0.50

You may choose to take this course as your English credit for your senior year.
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. Several short papers are undertaken 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.

READING/Writing WORKSHOPS ARE RECOMMENDED FOR STUDENTS IN NEED OF REMEDIATION:

1231 ENGLISH
Grades 10 - 12
Credit: 1.00

English is the language arts class linked to Reading/Writing Edge. The classes are scheduled together as a double period block and provide you with intensive instruction in reading and writing. The course includes 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 10 (1246) if you have not reached proficiency on the state reading assessment and did not reach proficiency after 9th grade. If you are new to the district, a pre-test will be given to determine eligibility.

1246 READING/Writing EDGE
Grades 10 - 11
Credit: 1.00

This program is designed for you if you have been identified as needing additional instruction and guided practice with reading and language arts. If you have not reached proficiency on the state reading assessment and did not reach proficiency after completing Reading/Writing Edge 10, you will be assigned to Reading/Writing Edge 9. If you are new to the district, a pre-test will be given to determine eligibility. 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. 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

This course focuses on the improvement of your reading and writing skills through the use of a workshop atmosphere. Critical reading ability is developed. You are encouraged to choose your own 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. Grammar, spelling, and vocabulary are taught in the context of individual writing and reading conferences.

1163 COMMUNICATION SKILLS (s)
Grade 9
Credit: 0.50

This course is designed for you if you wish to improve your communication skills. You will learn skills appropriate for formal speaking situations. You will be given opportunities to practice different forms of public speaking, such as oral readings, drama, speeches and debates. Practical experiences will be offered. Reflection and self-evaluation activities will be used to make you aware of your own abilities.

1162 INTRODUCTION TO THEATRE (s)
Grade 9
Credit: 0.50

"What's your motivation?"... "Don't upstage yourself!"... "When you say that line, move down stage 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 courses lead the way into monologues and scene work. 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!

1231 ENGLISH
Grades 10 - 12
Credit: 1.00

The Introduction to Journalism course is designed to 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 a role of facilitator than 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.

1355 JOURNALISM
Grades 10 - 11
Credit: 1.00

Journalism is a course designed for you if you are interested in all aspects of the publications industry. In this course, we will familiarize you with the role of the journalist in today's society. You will discuss the legal aspects of publication. You will develop your interviewing, pre-writing, revising, and copy-editing skills. You will learn how to write effective headlines, cutlines, captions and leads. You will write feature, news, opinion and sports stories. Layout techniques and basic graphic design, using Adobe InDesign, will be taught. While the primary focus of the course is learning the fundamentals, you will be expected to participate in the creation of the online newspaper, the Mountaineer. You will produce several portfolios.

1415 ADVANCED JOURNALISM: MEDIA AND NEWSPAPER - H
Grades 11 - 12
Credit: 1.00

(Prerequisites: Journalism)
The Honors Media and Journalism class exposes you to essential journalistic techniques alongside modern digital and print media production and design. You will receive hands-on experience with newspaper writing, research and communication techniques; layout design through Adobe In-Design and Photoshop; and photography and graphics creation. You will refine your communication skills through interviewing other students, teachers and other school staff as well as members of the greater Stroudsburg community. You will then apply these skills to the creation of Stroudsburg High School's online newspaper, the Mountaineer. The course aims not only to satisfy, but to go beyond the publication standards as set by organizations such as the Pennsylvania School Press Association. You will be expected to think creatively, work both independently and with classmates, accept and provide constructive criticism, put in hours outside of class time, and show initiative.

1424 MYTH AND RITUAL IN WORLD LITERATURE (s) (NCAA)
Grade 12
Credit: 1.00

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. Several short papers are undertaken 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.

1124 INTRODUCTION TO THEATRE (s)
Grade 9
Credit: 0.50

"What's your motivation?"... "Don't upstage yourself!"... "When you say that line, move down stage 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 courses lead the way into monologues and scene work. 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!

1150 INTRODUCTION TO JOURNALISM
Grade 9
Credit: 1.00

The Introduction to Journalism course is designed to 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 a role of facilitator than 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.

1355 JOURNALISM
Grades 10 - 11
Credit: 1.00

Journalism is a course designed for you if you are interested in all aspects of the publications industry. In this course, we will familiarize you with the role of the journalist in today's society. You will discuss the legal aspects of publication. You will develop your interviewing, pre-writing, revising, and copy-editing skills. You will learn how to write effective headlines, cutlines, captions and leads. You will write feature, news, opinion and sports stories. Layout techniques and basic graphic design, using Adobe InDesign, will be taught. While the primary focus of the course is learning the fundamentals, you will be expected to participate in the creation of the online newspaper, the Mountaineer. You will produce several portfolios.

1415 ADVANCED JOURNALISM: MEDIA AND NEWSPAPER - H
Grades 11 - 12
Credit: 1.00

(Prerequisites: Journalism)
The Honors Media and Journalism class exposes you to essential journalistic techniques alongside modern digital and print media production and design. You will receive hands-on experience with newspaper writing, research and communication techniques; layout design through Adobe In-Design and Photoshop; and photography and graphics creation. You will refine your communication skills through interviewing other students, teachers and other school staff as well as members of the greater Stroudsburg community. You will then apply these skills to the creation of Stroudsburg High School's online newspaper, the Mountaineer. The course aims not only to satisfy, but to go beyond the publication standards as set by organizations such as the Pennsylvania School Press Association. You will be expected to think creatively, work both independently and with classmates, accept and provide constructive criticism, put in hours outside of class time, and show initiative.
1416  ADVANCED JOURNALISM: YEARBOOK - H  
Grades 11 - 12  
Credit: 1.00  
(Prerequisite: Journalism)  
You will be taught advanced layout and design techniques for the yearbook.  
You will learn how to plan and write copy, captions and headlines.  
You will be required to dedicate a significant amount of time outside of the classroom.  
Using an online program developed by Herff Jones eDESIGN,  
you will learn the importance of creating and carrying a theme throughout a publication.  
You are responsible for creating a product that costs tens of thousands of dollars to produce.

1354  INTRODUCTION TO FILM STUDIES (s)  
Grades 10 - 12  
Credit: 0.50  
Here's your opportunity to be exposed to 100 years of cinematography,  
from Hollywood blockbusters to quirky, independent films!  
In this semester course, you will learn to "read" the language of the film, and will study  
different elements of film, such as the cinematography, mis en scene,  
movement, editing, and sound.  
You will discuss these films, as well as 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 own personal queue.  
You will gain a better understanding and appreciation for the art of film throughout this course.  
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 be expected to read excerpts about film techniques and film history.  
Sophisticated oral and written analysis of film will be required.  
You will be expected to write a series of short analytical papers exploring film techniques based on the films viewed in the class.

1356  CREATIVE WRITING (s)  
Grades 10-12  
Credit: 0.50  
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 writers and as human beings. It also provides an audience of approximately twenty peers, so your work is not judged, but constructively criticized. You will be expected to read professional examples of writing as well as articles and essays about the craft of writing. You will be expected to write daily so you can 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 on a regular basis, and will gain helpful feedback through oral presentations and small writing groups. You will also have the opportunity for your own work to be shown in Stroudsburg's literary magazine, Parallels.

1357  PUBLIC SPEAKING, RHETORIC AND DEBATE(s)  
Grades 10 - 12  
Credit: 0.50  
This course is designed to improve your oral communication skills. You will be given 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, and you should expect to be videotaped for class instruction.

1358  DRAMA 1 (s)  
Grades 10 - 12  
Credit: 0.50  
In this elective course, you will not just read and discuss drama, but become a part of the drama itself. All aspects of this genre will be discussed and explored and many opportunities for practical experiences will be offered. 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 is also required. Emphasis is placed upon performance and memorization of lines is required.

1359  DRAMA 2 (s)  
Grades 10 - 12  
Credit: 0.50  
(Recommend: Successful completion of Drama 1)  
This elective course will immerse you into 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 be taught 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.

1810  ENGLISH 1 ESL  
Grades 9 - 12  
Credit: 1.00  
If you are an entering-level student, you will engage in listening, speaking, reading, and writing English through an integrated language arts curriculum. 
Level 1 core curriculum materials for English Language Acquisition (ELA), literature, and other supplemental materials. 
Building both on your prior knowledge and on newly-introduced material, you prepare to enter academic content classes. 
You become familiar with the culture and structure of an American high school and the community. 
Placement is made following assessment by the ESL teacher. 
This course may be used as one English credit. This course may be repeated.

1820  ENGLISH 2 ESL  
Grades 9 - 12  
Credit: 1.00  
If you are a beginning-level student, you will continue to engage in listening, speaking, reading, and writing English using Level 2 core curriculum materials for ELA, literature, and other supplemental materials. 
Using an integrated approach to language study, you will increase your vocabulary and understanding of the structure of English. 
Basic Interpersonal Communication Skills (BICS) are developed and groundwork is laid for Cognitive Academic Language Proficiency (CALP). 
Placement in this course is made following assessment by the ESL teacher. 
This course may be used as one English credit. This course may be repeated.

1830  ENGLISH 3 ESL  
Grades 9 - 12  
Credit: 1.00  
If you are a developing-level student, you will continue to engage in listening, speaking, reading, and writing English using Level 3 core curriculum materials for ELA, literature, and other supplemental materials. 
Using an integrated approach to language study, you will practice your listening and speaking skills and study the structure of the English language. 
BICS are exercised and instruction in CALPS is expanded. 
Placement in this course is made following assessment by the ESL teacher. 
This course may be used as one English credit. This course may be repeated.

1840  ENGLISH 4 ESL  
Grades 9 - 12  
Credit: 1.00  
If you are a top-level student, you will continue to expand your English language acquisition towards full proficiency. 
Writing portfolios are created to show proficiency in focus, content development, organization and style. 
Intense instruction is given in grammar, usage, spelling, and punctuation. 
Reading selections are modeled after state tests and are assessed through similar comprehension, interpretation, and analysis questions. 
Practice with multiple choice and open-ended items is included. 
Placement in this course is made following assessment by the ESL teacher. 
This course may be used as one English credit. This course may be repeated.
Family & Consumer Science

The Family and Consumer Sciences curriculum is relevant for you. It links core curriculum knowledge with skills and wisdom to help you make a successful transition to self-sufficiency and adulthood. The curriculum addresses skills necessary to enhance the quality of life, to improve individual and family wellness, to evaluate the quality of goods and services in meeting individual needs, and to provide awareness for your roles in influencing public policy.

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

5550 THIS IS YOUR LIFE! (s)
Grade 9
Course meets 3/6 days per cycle
Credit: 0.25
(Requires successful completion by all students prior to graduation)

"This is Your Life!" explores the intertwined issues with which adults must learn to deal in order to live satisfying and successful lives in the future. You are provided with opportunities to be in charge of many of the ongoing facets of everyday living. The topics studied are basic to life planning and have been selected based on relevance for positive personal development for you. Topics include financial and resource management, work and community responsibilities, child development, and the completion of a required presentation or paper using the "Career Cruising" resource.

6223 FOREIGN FOODS (s)
Grades 10 - 12
Credit: 0.50

Foreign Foods is designed to introduce you to various cuisines of the world. You will prepare, serve, and evaluate a wide variety of dishes characteristic to various cultures or regions of the world while discussing typical foods, ingredients and cooking techniques.

6224 CHILD STUDY/PARENTING (s)
Grades 10 - 12
Credit: 0.50

This course is intended to help you understand children's behavior and development and an adult's role in guiding children. Also included are topics concerning pregnancy management and the birth process. Child Study/Parenting is an excellent course if you are interested in pursuing a child-oriented career or would like to be a parent yourself one day. You will learn infant care by taking home a computerized baby simulator.

6225 THE WONDER YEARS: EXPLORING EARLY CHILDHOOD EDUCATION (s)
Grades 10 - 12
Credit: 0.50
(Recommend: Successful completion of Child Study/Parenting)

Success in working with children requires an understanding of physical, intellectual, social and emotional characteristics of young children. This class will enable you to plan educational activities that are developmentally appropriate. It will provide you with the opportunity to interact with and present your ideas to children in a preschool or classroom setting. You will learn techniques for keeping children safe and healthy and to promote experiences that build children's self esteem and enthusiasm for learning. This course is recommended for anyone considering a career in early childhood or elementary education.

6226 INTERIOR DESIGN (s)
Grades 10 - 12
Credit: 0.50

This course introduces fundamental design concepts to the study and practice of Interior Design. Historical connections to modern architecture, reading and drafting floor plans, elements and principles of design, furniture construction and style are selected topics. You will apply the design process to making the best functional and aesthetic use of space while expressing your own individuality.
Health & Physical Education

Health Education is required in High School. You must earn a passing grade to meet graduation requirements. Health Education courses provide a basis of knowledge about health and wellness that leads to the development of 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 will be measured according to the Presidential Physical Fitness Program standards.

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

5710  INTRODUCTION TO ALLIED HEALTH
Grades 9 - 12
Credit: 1.00
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 a variety of 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 successful completion of this course, you may choose to 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 10th grader at MCTI.

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

5001  PHYSICAL EDUCATION 10-12 (s)
Grades 10 - 12
Course meets 3/6 days per cycle
Credit: 0.25
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 the development of skills through group activities. Lifetime activities include archery, golf, tennis, table tennis, badminton, aerobic training, weight training, and low-impact activities such as power walking, aerobics and line dancing. Team options include softball, volleyball, ultimate Frisbee, and court hockey. Health-related fitness activities, with emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated in this program. Fitness tests are mandatory and will be measured according to the Presidential Physical Fitness Program standards.

5002  ADVANCED PHYSICAL EDUCATION 11-12 (s)
Grades 11 - 12
Course meets 3/6 days per cycle
Credit: 0.25
This course is designed for those who possess advanced skill levels. A selection of lifetime and team sports activities is provided in a more competitive environment. Lifetime activities include archery, golf, tennis, table tennis, badminton, weight training, and wall climbing. Team options include softball, volleyball, ultimate Frisbee, court hockey, soccer, flag football, and basketball. A challenge-by-choice strategy is used in the adventure education component. Health-related fitness activities, with emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated in this program. Fitness tests are mandatory and will be measured according to the Presidential Physical Fitness Program standards.

5003  LOW IMPACT PHYSICAL EDUCATION (s)
Grades 10 - 12
Course meets 3/6 days per cycle
Credit: 0.25
This course combines lifetime and health-related fitness components emphasizing lifelong wellness. Adventure education, a challenge-by-choice component, is used to promote the development of skills through group activities. Lifetime activities include archery, golf, tennis, table tennis, badminton, aerobic training, power walking, interval training, line dancing and wall climbing. Health-related fitness activities, with emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated in this program. Fitness tests are mandatory and will be measured according to the Presidential Physical Fitness Program standards.

5759  ADVANCED FITNESS (s)
Grades 10 - 12
Credit: 0.50
(Recommendation necessary from PE 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 Advanced Fitness course will help produce a stronger, faster, and leaner student-athlete. Day-to-day exercise, weight training, and cardiovascular development will allow you to maximize your athletic potential. Health-related fitness activities, with emphasis on muscular strength and endurance, flexibility, and cardiovascular fitness, are incorporated in 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 will be measured according to the Presidential Physical Fitness Program standards.

5760  ADVANCED FITNESS
Grades 10 - 12
Credit: 1.00
(Recommendation necessary from PE department. This course may be used to fulfill the annual required PE credit.)
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 a variety of 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 successful completion of this course, you may choose to 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 10th grader at MCTI.

5755  FIRST AID/ATHLETIC TRAINING 1(s)
Grades 10 – 12
Credit: 0.50
(Required for Graduation)
Health includes the study of mental and emotional health, family and social health, personal health and physical activity, alcohol, tobacco and other drugs.

5756  FIRST AID/ATHLETIC TRAINING 2(s)
Grades 10 - 12
Credit: 0.50
This course is designed for those who are 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. This course is applicable to you if you are interested in pursuing a career in Allied Health or in the medical field such as a physical therapist, nurse, athletic trainer, EMT, etc.
This semester course offers you the opportunity to learn prevention, care and rehabilitation of athletic injuries to the hand, wrist, elbow, thorax, and foot. Human anatomy, exercise physiology, kinesiology, and the principles of strength development are included in the curriculum. Presented in an applied format, you can explore the curriculum in practical laboratory experiences.

Mathematics

The Math department offers a variety of courses to meet your needs. Advanced Placement (AP)/Honors (H) courses are designed for those with exceptional mathematical ability and work ethic. College Preparatory (CP) classes are designed for those who wish to continue their studies beyond high school. The remaining math courses are designed for those whose academic strengths lie in areas other than mathematics with extended times being reserved for those who continue to struggle with basic math concepts.

Your recommended mathematics course sequence strongly encourages two years of Algebra and a Geometry course prior to your senior year. The reasons for this design are many, but the most important is that your success, beyond high school, has been directly linked to your 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 are aligned to state standards, with a focus on state anchors/eligible content. It is highly recommended that you have your own scientific calculator to use on a daily basis.

Mathematics is a cumulative discipline within each course as well as from one grade level to the next. Therefore, it is expected that, in any mathematics course, you complete all work assigned by the teacher. This will include trying to complete all homework assignments which are given almost daily in most courses. It will also include being responsible for making up any missed work due to class absences in a timely fashion.

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

3140 ALGEBRA 1A  
Grade 9  
Course meets 6/6 days per cycle.  
Credit: 1.0  

3141 ALGEBRA 1A  (NCAA - .5 credit)  
Grade 9  
Course meets 9/6 days per cycle.  
Credit: 1.50  

3142 ALGEBRA 1A  (NCAA - .5 credit)  
Grade 9  
Course meets 9/6 days per cycle.  
Credit: 1.50  

This course is designed to cover the first half of the Algebra 1 curriculum. This will include working with variable expressions, solving and graphing linear equations and inequalities, and an introduction to polynomials. Integrated throughout the course will be the reinforcement of the fundamental operations of rational numbers. Calculators and computer software will be used at appropriate places in this course of study, and a scientific calculator is recommended. Course 3140 will meet every day per six-day cycle. Course 3141 and 3142 will meet everyday per six-day cycle, but as a double period three days per the six-day cycle. Upon successful completion of course 3141 or 3142, you will be awarded additional credit. 1.0 credit will be used to fulfill the required math course for graduation, and all additional credit(s) will be used to fulfill an elective credit.

3230 ALGEBRA 1B  (NCAA - .5 credit)  
Grade 10  
Credit: 1.00  

3240 ALGEBRA 1B  (NCAA - .5 credit)  
Grade 10  
Course meets 9/6 days per cycle.  
Credit: 1.50  

(Prerequisite: Algebra 1A)  
(All students taking this course will take the Algebra 1 Keystone Exam in the Spring.)  

This course is designed to cover the second half of the Algebra 1 curriculum. This will include work 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. Related skills, calculator use, and concept development will be integrated throughout the course. A scientific calculator is recommended. If you are recommended to complete the 3240 course of Algebra 1B, the class will meet everyday per six-day cycle, but as a double period three days per the six-day cycle. Upon successful completion of course 3240, you will be awarded 1.50 credits. 1.0 credit will be used to fulfill the required math course for graduation, and .50 credit will be used to fulfill elective credit.

3450 ALGEBRA 1 – CP (NCAA)  
Grades 10-12  
Credit: .25  

This course is designed to provide explicit instruction to you based on an area(s) of deficiency as defined by your previous score on the State required Algebra 1 Keystone Exam. Taking this course means that you have not met the State graduation requirement of proficiency on the Algebra 1 Keystone Exam.

3120 ALGEBRA 1 – CP (NCAA)  
Grade 9  
Credit: 1.00  

3121 ALGEBRA 1 – CP (NCAA)  
Grade 9  
Course meets 9/6 days per cycle.  
Credit: 1.50  

(Prerequisite: Pre-Algebra. Any student who is not proficient on the PSSAs but is recommended for Algebra 1 CP will be required to take Algebra 1 9/6.  
(All students taking this course will take the Algebra 1 Keystone Exam in the Spring.)  

The emphasis of this course is on 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. Algebra 1 - CP (3121) will meet everyday per six-day cycle, but as a double period three days per the six-day cycle. Upon successful completion of this course, you will be awarded 1.50 credits. 1.0 credit will be used to fulfill the required math course for graduation, and .50 credit will be used to fulfill elective credit.
3430  ALGEBRA 2  
Grade 10-12  
Credit: 1.00  
(Prerequisite: Algebra 1B or Algebra 1 CP)

3440  ALGEBRA 2  
Grade 11  
Course meets 9/6 days per cycle  
Credit: 1.50  
(Prerequisite: Algebra 1B or Algebra 1 CP)

You will review Algebra I skills, work with linear inequalities and functions, quadratic functions, non-linear relations, systems of equations, and probability and statistics. Use of calculators, computer software and practical applications will be integrated throughout the course and a scientific calculator is recommended.

If you are recommended to complete the 3440 course of Algebra 2, the class will meet everyday per six-day cycle, but as a double period three days per the six-day cycle. Upon successful completion of course 3440, you will be awarded 1.50 credits. 1.0 credit will be used to fulfill the required math course for graduation, and .50 credit will be used to fulfill elective credit.

3220  ALGEBRA 2 – CP (NCAA)  
Grade 10  
Credit: 1.00  
(Prerequisite: Algebra 1CP or Algebra 1B with teacher recommendation)

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, 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.

3110  ALGEBRA 2 - H (NCAA)  
Grades 9 - 10  
Credit: 1.00  
(Prerequisite: Algebra 1)  

(NOTE: This is a typical ninth grade honors level course leading an advanced student to AP Calculus AB in his/her senior year.)

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, working with radical and rational expressions. Additional topics include logarithms, linear programming, graphing conic sections and the use of the graphing calculator. Computer software will be used at appropriate places in this course of study and a scientific calculator is highly recommended.

3330  GEOMETRY  
Grade 12  
Credit: 1.00  
(Prerequisite: Algebra 2)

You will learn about lines, planes, and 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 will be 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.

If you are recommended to complete the 3340 course of Geometry, the class will meet everyday per six-day cycle, but as a double period three days per the six-day cycle. Upon successful completion of course 3340, you will be awarded 1.50 credits. 1.0 credit will be used to fulfill the required math course for graduation, and .50 credit will be used to fulfill elective credit.

3320  GEOMETRY - CP (NCAA)  
Grades 11  
Credit: 1.00  
(Prerequisite: Algebra 1 and/or Algebra 2 - depending upon prior course sequence)

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. Concepts of vectors, dilations, and transformational geometry will also be studied. Computer software will be used at appropriate places in this course of study, and a scientific calculator is highly recommended.

3210  GEOMETRY – H (NCAA)  
Grades 10 - 11  
Credit: 1.00  
(Prerequisite: Algebra 1 and/or Algebra 2 - depending upon prior course sequence)

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. Concepts of vectors, dilations, and transformational geometry will also be studied. Computer software will be used at appropriate places in this course of study, and a scientific calculator is highly recommended.

3423  FUNDAMENTALS OF MATHEMATICS  
Grade 12  
Credit: 1.00  
(Prerequisites: Algebra 1, Algebra 2, Geometry and teacher/guidance/administrative recommendation are required. A scientific calculator is required)

This course reviews basic math concepts with fractions, decimals and percents that will focus on calculator skills. Pre-Algebra, basic Algebra and basic Geometry concepts will be studied throughout the year.

3422  TRANSITION TO COLLEGE MATHEMATICS – CP (NCAA)  
Grade 12  
Credit: 1.00  
(Prerequisites: Algebra 1, Algebra 2, Geometry and teacher/guidance/administrative recommendation are required. A scientific calculator is required)

This is a senior only course which reviews Algebra and calculator basics, including fractions and exponential notation, as well as ratio, proportions and percents as they relate to solving percent word problems. Other topics 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.

3421  DISCRETE MATHEMATICS & TRIGONOMETRY – CP (NCAA)  
Grade 12  
Credit: 1.00  
(Prerequisites: Algebra 1, Geometry and Algebra 2. A scientific calculator is required)

This course emphasizes solving systems of equations in two and three variables, linear programming, matrix operations, and arithmetic and
geometric sequences and series. Probability and statistics, right triangle trigonometry, trigonometric functions, and trigonometric identities will also be studied. Calculators will be used throughout the course.

3420 ALGEBRA 3 & TRIGONOMETRY – CP (NCAA)
Grades 10-12
Credit: 1.00
(Prerequisites: Algebra 2-CP and Geometry-CP. A scientific calculator is required.)
This is a continuation of Algebra 2 and Geometry, requiring a strong Algebra 2 background, and emphasizes advanced algebra and graphing skills with polynomial functions, exponential, logarithmic, and trigonometric functions. Nearly one half of the year will be spent on Trigonometry. Use of graphing calculators and computer software will be integrated throughout the course.

3423 ALGEBRA 3 & TRIGONOMETRY – H (NCAA)
Grades 10 – 12
Credit: 1.00
(Prerequisites: Algebra 2-CP and Geometry-CP. A scientific calculator is required.)
This is a continuation of Algebra 2 and Geometry, requiring a strong Algebra 2 background, and emphasizes advanced algebra and graphing skills with polynomial functions, exponential, logarithmic, and trigonometric functions. Nearly one half of the year will be spent on Trigonometry. In this course, greater emphasis will be placed on application of concepts and trigonometry concepts including, but not limited to, graphing sine and cosine curves. Use of graphing calculators and computer software will be integrated throughout the course.

3310 PRE-CALCULUS – H (NCAA)
Grades 10 - 12
Credit: 1.00
(Prerequisites: Algebra 2 H or Algebra 3 & Trigonometry and Geometry-H. A scientific calculator is required, but a graphing calculator is preferred)
This is a continuation of Algebra 2H and Geometry H emphasizing advanced Algebra skills, exponential, polynomial, rational, logarithmic functions, and conic sections. Nearly one half of the year will be spent on Trigonometry. An introduction to Calculus concepts will be studied appropriately. Solving equations in three variables with matrix methods will be included in this course. Use of graphing calculators and computer software will be integrated throughout the course. As a preparatory course for AP Calculus AB, you should expect to spend a minimum of 30-45 minutes per day on homework. You should be highly dedicated and self-motivated.

3410 STATISTICS & PROBABILITY - H (NCAA)
Grade 12
Credit: 1.00
(Prerequisite: Pre-Calculus-H; a TI graphing calculator is required.)
This course will emphasize an introduction to statistics and introduce you to the methods of both descriptive and inferential statistics. Topics will include methods of population sampling, an introduction to probability and the study of both discrete and continuous random variables, especially the Normal distribution and the ideas of the Central Limit Theorem. Both numeric and graphical presentations of data and correlation and regression analysis for descriptive statistics will be practiced. The methods of inferential statistics studied will introduce the concepts of confidence intervals and hypotheses testing. The use of TI83/84 graphing calculator and computer software such as EXCEL will be integrated throughout the course.

3400 AP CALCULUS AB (NCAA)
Grades 11-12
Credit: 1.00
(Prerequisite: Pre-Calculus-H)
This course will include fundamental calculus skills needed for the AP Calculus AB Exam given in May. Topics will include differential calculus rules, along with 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. Discussion and demonstration of the solutions of assigned problems are expected regularly for this course.

3401 AP CALCULUS BC (NCAA)
Grade 12
Credit: 1.00
(Prerequisite: AP Calculus AB)
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 review of derivative and integral formulas, exploring integral applications and working with parametric equations and polar coordinates, sequences and infinite series, vector functions and elementary differential equations. A graphing calculator is required.

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 as well as recommended juniors and seniors taking Advanced Placement Music Theory. Any of these courses will help fulfill the arts/humanities requirements for graduation.

* Unless otherwise specified, all courses meet 6/6 days per cycle
6309  **9TH GRADE BAND**  
**Grade 9**  
Credit: 1.00  
(Recommend: 4 years of ensemble experience or the equivalent and recommendation of the Band Director(s))  
Membership in the 9th Grade Band is obtained through audition by interested musicians having fifth through eighth grade band experience, or the equivalent, as a prerequisite. In addition, membership in 9th Grade Band is maintained by recommendation of the band director, based on the level of performance of required fundamentals and music. Participation in this course during grade 9 is a necessary eligibility requirement in order to be considered for Honors Concert Band during your senior year.

6310  **CONCERT BAND 1**  
**Grades 10**  
Credit: 1.00  
(Recommend: 4 years of ensemble experience or the equivalent and recommendation of the Band Director(s))  
Membership in Concert Band 1 is obtained through audition by interested musicians 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 the level of performance of required fundamentals and music. Participation in this course during grade 10 is a necessary eligibility requirement in order to be considered for Honors Concert Band during your senior year.

6311  **CONCERT BAND 2**  
**Grades 11 - 12**  
Credit: 1.00  
(Recommend: Concert Band 1 and recommendation of the Band Director(s))  
Membership in Concert Band 2 is obtained through audition by interested musicians 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 the level of performance of required fundamentals and music. Concert Band 2 is the culmination of the Band Program for the District and requires you to perform at the highest level. Participation in this course during grade 11 is a necessary eligibility requirement in order to be considered for Honors Concert Band during your senior year.

6312  **CONCERT BAND 2 – H**  
**Grade 12**  
Credit: 1.00  
Honors credit for Concert Band 2 provides an enrichment program for you. This enrichment program will include preparation and performance of solo and small ensemble literature, successful preparation and performance at district band auditions, performance of an end-of-year honors recital along with an end-of-year self-directed project.

6330  **9TH GRADE ORCHESTRA**  
**Grades 9**  
Credit: 1.00  
(Recommend: 4 years of ensemble experience or the equivalent and recommendation of the Orchestra Director)  
Membership in the 9th Grade Orchestra will be determined by audition and/or recommendation of the Orchestra Director. As a member of the Orchestra, you will receive one lesson and attend six ensemble rehearsals during the six-day cycle. There will be a musical performance evaluation for all Orchestra members at the end of each quarter and/or semester. Participation in this course during Grade 9 is a necessary eligibility requirement in order to be considered for Honors Orchestra during your senior year.

6331  **ORCHESTRA 1**  
**Grade 10**  
Credit: 1.00  
(Recommend: 5 years of ensemble experience or the equivalent and recommendation of the Orchestra Director)  
Membership in Orchestra 1 is obtained through audition by interested musicians having fifth through ninth grade orchestra experience, or the equivalent, as a recommendation. In addition, membership in Orchestra 1 is maintained by recommendation of the orchestra director based on the level of performance of required fundamentals and music. Participation in this course during grade 10 is a necessary eligibility requirement in order to be considered for Honors Orchestra during your senior year.

6332  **ORCHESTRA 2**  
**Grades 11 - 12**  
Credit: 1.00  
(Recommend: Orchestra 1 and recommendation of the Orchestra Director)  
Membership in Orchestra 2 is obtained upon successful completion of the requirements of Orchestra 1, or the equivalent, and also by recommendation of the Orchestra Director. In addition, membership in Orchestra 2 is maintained by recommendation of the Orchestra Director based on the level of performance of required fundamentals and music. Participation in this course during grade 11 is a necessary eligibility requirement in order to be considered for Honors Orchestra during your senior year.

6333  **ORCHESTRA 2 - H**  
**Grade 12**  
Credit: 1.00  
(Recommend: 6 years of ensemble experience or the equivalent, recommendation of the Orchestra Director, completion of the process of PMEA District Orchestra Audition.)  
Honors credit for Orchestra 2 H provides an enrichment program if you have enrolled in Orchestra 2. This enrichment program will include preparation and performance of solo and small ensemble literature, successful preparation and performance at PMEA district orchestra auditions and performance at an end-of-year honors recital and an end-of-year self-directed project.

6320  **9TH GRADE CONCERT CHOIR**  
**Grade 9**  
Credit: 1.00  
9th Grade Concert Choir is open to those who enjoy singing and would like to develop both their singing skills and their 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, Small Group, 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 12th grade.

6321  **CONCERT CHOIR**  
**Grades 10 - 12**  
Credit: 1.00  
(Recommend: A minimum of two years choral ensemble experience in a choral program, or approval of the choir director)  
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 grades 10-11 is a requirement to be considered for Honors Concert Choir during your senior year.
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 goal of the science department at Stroudsburg Senior High School is to give you the opportunity to gain background knowledge in both the biological and physical sciences. This 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.

### Science

#### 4110 INTRO TO PHYSICAL SCIENCE 9 - H (NCAA)
- **Grade 9**
- **Credit: 1.00**

This course is designed 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, and electricity. 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. Recommendation: Math placement - Algebra1-CP or better (may be taken concurrently).

#### 4120 INTRO TO PHYSICAL SCIENCE 9 - CP (NCAA)
- **Grade 9**
- **Credit: 1.00**

This course explores the physical world around us. The interaction of matter and energy in the physical world is the foundation for this hands-on, discovery-based course. Extensive lab work, student-centered activities, and real-life applications will be the focus throughout this course.

This course is designed to prepare you with fundamental skills such as measuring, data collection and manipulation, observing, and application of 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. Recommendation: Math placement - Algebra1-CP or better (may be taken concurrently).

#### 4130 KEYSTONE CELL BIOLOGY & ECOSYSTEMS
- **Grade 9**
- **Credit: 1.00**

As part one of two sequential Biology courses, curriculum for Keystone Cell Biology & Ecosystems meets or exceeds state standards, with focus on the PA Keystone exam standards and eligible content. 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, and homeostasis. Lab work and the use of technology are presented to reinforce concepts taught in class.

#### 4150 INTRODUCTION TO ECOLOGY
- **Grade 9**
- **Credit: 0.50**

This course will cover some of the major topics in the field of ecology and environmental science. Your learning will be centered on information dealing with the biosphere, ecosystems and communities, populations and humans in the biosphere. The course is designed to fulfill biology standards not covered in the biology curriculum in Stroudsburg and is aimed at ensuring proficiency on the Keystone exam in biology while at the same time introducing concepts that will be covered in a more detailed elective course at the high school.

#### 4154 MARINE SCIENCE (s)
- **Grade 9**
- **Credit: 0.50**

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 utilization of microscopes, dissections of various marine organisms, and identification of preserved specimens.

4210 BIOLOGY - H (NCAA)
Grades 9 - 10
Credit: 1.0
Course meets 6/6 days per cycle
(Recommend: Physical Science if not taken concurrently.)
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. Several lab activities not found in the general biology curriculum are performed. A research paper or project may be required.

4220 BIOLOGY - CP (NCAA)
Grade 10
Credit: 1.50
Course meets 9/6 days per cycle
(Recommend: Physical Science if not taken concurrently.)
This Biology curriculum meets or exceeds state-mandated standards as dictated by the Keystone Exam for Biology. You will be introduced to the characteristics all life has. 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. Current cutting edge topics and bioethical issues such as stem cells, cloning, and cancer will be touched upon. Studies will continue with a detailed understanding of DNA, basic genetics, human genetics, and biotechnology and its impact on society. These units lead into a study of evolution where natural selection and the theory of evolution are introduced. Lab work is presented to reinforce concepts taught in class. Review and preparation for the Keystone Biology exam will be reinforced through the entire class and directly before the test.

4230 KEYSTONE BIOLOGY & UNITY OF LIFE
Grade 10 (11-12 as needed)
Credit: 1.00
(Recommend: Successful completion of Keystone Cell Biology and Ecosystems)
(All students taking this course will take the Biology Keystone Exam in the Spring.)
You will review biochemistry and cells as in the Keystone Cell Biology and Ecosystems course. New material will begin by focusing on homeostasis and cell division. Cellular respiration and photosynthesis are compared and contrasted as important cell activities. Current cutting edge topics and bioethical issues such as stem cells, cloning, and cancer will be touched upon. Studies will continue with a detailed understanding of DNA, basic genetics, human genetics, and biotechnology and its impact on society. These units lead into a study of evolution where natural selection and the theory of evolution are introduced. Lab work is presented to reinforce concepts taught in class. Review and preparation for the Keystone Biology exam will be reinforced through the entire class and directly before the test.

4250 BIOLOGY KEYSTONE
Grades 10-12
Credit: .25
This course is designed to provide explicit instruction to you based on an area(s) of deficiency as defined by your previous score on the State required Biology Keystone Exam. If you are taking this course, you have not met the State graduation requirement of proficiency on the Biology Keystone Exam.

4310 CHEMISTRY 1 - H (L) (NCAA)
Grades 10 - 12
Course meets 7/6 days per cycle
Credit: 1.167
(Recommend: 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 designed to be the first half of the Advanced Placement Chemistry curriculum as set forth by the College Board. This is a college-level chemistry course and is designed for those of you who plan on majoring in science or a related area. This serves as a prerequisite for AP Chemistry. The curriculum includes 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, gases, 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
(Recommend: 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 gases, liquids, solids, and aqueous solution chemistry. Lab techniques and report writing skills, mathematical calculations, analysis of data, and discussion of results are emphasized. This course is designed and recommended if you are planning to attend a four-year college or university. If enrolled in this course, you are 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.
in entering the fields of nursing, medicine, and biology. Classwork involves
throughout the course.

The methods of calculus are used wherever appropriate in formulation
analysis in the laboratory as well as the classroom. Roughly the first half of
of physical principles and applying them to physical problems. Strong
the year is devoted to classical mechanics and the second half to electricity
and magnetism. Special relativity and quantum topics are interspersed

This course is structured to prepare you to take the Physics B or C -
Advanced Placement Physics BC curriculum as set forth by the College
Board. This is a college-level physics course.

Chemistry involves the study of matter. In this course, you will examine the
structure, organization, and behavior of matter as well as interactions between
changes in matter in order 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 gases, liquids, solids,
the Periodic Table, the behavior of gases, chemical bonding, aqueous solutions,
and chemical reactions. You will participate in a variety of learning activities that
can include working in cooperative learning groups, completing hands-on
laboratory investigations and activities, and doing research for presentations.

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
upon physics for their own foundation. Through laboratory experiences and
classroom discussions, you are led toward an 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.

This course is designed to prepare you to take the Physics B or C -
Advanced Placement exam. It is a college-level course that normally

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, study of cells and tissues, experiments in
biochemistry and through mammalian dissection of the cat and various

This course is designed to be the first half of the Advanced Placement Physics BC curriculum as set forth by the College Board. This is a college-level physics course.

The course provides a strong background in the structural and functional
components of the human body. Presented in an applied format, the
course will afford the opportunity to explore the dynamics of the working
body through practical and/or virtual laboratory experiences.

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 successful completion of a first
course in biology and one in chemistry as well. It aims to provide the
conceptual framework, factual knowledge, and analytical skills necessary
to deal critically with the rapidly changing science of biology. Topics to
be covered include: molecules and cells, chemistry of life, cells, cellular
energetics, heredity and evolution, and organisms and populations. These
topics will be explored within the conceptual framework of science as a
process, evolution, energy transfer, continuity and change, relationship of
structure to function, regulation, interdependence in nature and science, and
technology and society. At the completion of this course, you will be
prepared to take the Biology AP exam.

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 (college-
level) course, with emphasis on 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.
multimedia formulate and express your opinions about each issue.

You will obtain information about a topic; determine the sides of the issue;

(Recommend: Successful completion of Biology)

Credit: 1.00

Grades 11 - 12

4351 INTRODUCTION TO FORENSIC SCIENCE (NCAA)

Grades 11 - 12

Credit: 1.00

(Prerequisites: biology, chemistry (concurrent))

This course will give you an overview of the crime scene investigation process and the issues involved in presenting forensic evidence in court. You will learn about the identification, documentation, and collection of various forms of physical evidence. The impact of television and other media on forensic science will also be discussed. This course is designed to provide a basic foundation in the field of forensics if you are interested in the use of science to solve crimes.

4352 PENNSYLVANIA'S WILD NATURAL RESOURCES

Grades 11 - 12

Credit: 1.00

This course is designed to give you an introduction 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.

Social Studies

You will be required to complete 3.0 credits in the Social Studies curriculum as part of the graduation requirements. You are required to take the specified courses in Grades 9 and 10 and an additional credit from the list of electives. These courses count toward Social Studies credit except for Psychology which counts as an elective credit.

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

SPECIFIED COURSES:

2110 CIVICS, GOVERNMENT & 19TH CENTURY HISTORY - H

Grade 9

Credit: 1.00

This course provides a study of 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. The foundations of research methodologies and the products that reflect that research will be emphasized.

The honors curriculum requires intensive study and high expectations. You are expected to demonstrate exceptional critical-thinking and problem-solving skills, as well as strong public speaking abilities. A strong emphasis is placed on research and the writing process. This course is intended for you if you are an independent, highly motivated student who intends on competing for admission to highly competitive colleges.

2120 CIVICS, GOVERNMENT & 19TH CENTURY HISTORY - CP

Grade 9

Credit: 1.00

This course provides a study of 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. The foundations of research methodologies and the products that reflect that research will be emphasized.

The college-prep curriculum requires advanced study and above average expectations. You are expected to demonstrate critical-thinking and problem-solving skills, as well as developmental public speaking abilities.
An emphasis is placed on research and the writing process. This course is intended for you if you are a motivated student who intends to move on to post-secondary education.

2130  CIVICS, GOVERNMENT & 19TH CENTURY HISTORY
Grade 9
Credit: 1.00
This course provides a study of 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. The root elements of research methodologies and the products that reflect that research will be emphasized. The curriculum requires basic study and developmental expectations. You are expected to demonstrate developmental critical-thinking and problem-solving skills, as well as preliminary public speaking abilities. Basic skills for research and the writing process will be developed. This course is intended for you if you are considering moving on to post-secondary education.

2210  20TH & 21ST CENTURY GLOBALIZATION - H
Grade 10
Credit: 1.00
This course provides a study of 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. The root elements of research methodologies and the products that reflect that research will be emphasized. The tenth grade honors curriculum requires intensive study and high expectations. You are expected to demonstrate exceptional critical-thinking and problem-solving skills, as well as strong public speaking abilities. An advanced emphasis is placed on research and the writing process. This course is intended for you if you are an independent, highly motivated student who intends on competing for admission to highly competitive colleges.

2220  20TH & 21ST CENTURY GLOBALIZATION - CP
Grade 10
Credit: 1.00
This course provides a study of 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. The use of research methodologies and the products that reflect that research will be emphasized. The tenth grade college-prep curriculum requires advanced study and above average expectations. You are expected to demonstrate strong critical-thinking and problem-solving skills, as well as above average public speaking abilities. A strong emphasis is placed on research and the writing process. This course is intended for you if you are a motivated student who intends to move on to post-secondary education.

ELECTIVE COURSES:

2258  CURRENT AMERICAN ISSUES (s)
Grade 9
Credit: 0.50
In this course, you will research and debate current American issues through the use of 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. This includes school board, borough council, township supervisor, or county commissioner meetings.

2259  MODEL CONGRESS (s)
Grade 9
Credit: 0.50
In this course, you will research and debate policies on a local, state, national, and international level. 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. This includes school board, borough council, township supervisor, or county commissioner meetings.

2305  AP UNITED STATES HISTORY (NCAA)
Grades 11 - 12
Credit: 1.00
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.**

**2306 AP EUROPEAN HISTORY (NCAA)**
- **Grades 11 - 12**
- **Credit: 1.00**

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 gives 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.**

**2316 PSYCHOLOGY - CP (NCAA)**
- **Grades 10 - 12**
- **Credit: 1.00**

*(This course does not count toward Social Studies credit but 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, social influence and interaction. Psychology has evolved into a discipline with various approaches to psychological thought. This evolution is an ongoing challenge which is reflected in current psychological literature. Course requirement: you will be responsible for submitting a requirement such as a book report, research paper or psychological experiment which has been approved by the instructor. You should be capable of reading a college-level text.

**2308 AP AMERICAN GOVERNMENT AND POLITICS (NCAA)**
- **Grades 11 - 12**
- **Credit: 1.00**

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 gives you an opportunity to share your ideas with your peers. Successful completion of this class and the AP exam may lead to college credit.

**2256 CONTEMPORARY ISSUES AND THE LAW (NCAA) (s)**
- **Grades 11 - 12**
- **Credit: 0.50**

**2256B CONTEMPORARY ISSUES AND THE LAW (NCAA)**
- **Grades 11 - 12**
- **Credit: 1.00**

This course has two main areas of focus: contemporary issues and the law. You will be encouraged to formulate your own ideas about American government and politics based on thoughtful reflection and knowledge. The mission will be to open your mind and encourage you to go beyond rote memorization and to reflect upon politics, the governmental process and the law. The focus of the course is on the analysis of public issues. You will use analytical skills to make reflective, rational decisions about the problems facing society or about the individuals who deal with those problems. Through "open" class discussions on the issues, a positive political attitude will be developed.

**2257 GLOBAL ISSUES (NCAA) (s)**
- **Grades 10 - 12**
- **Credit: 0.50**

**2257B GLOBAL ISSUES (NCAA)**
- **Grades 10 - 12**
- **Credit: 1.00**

Global Issues offers you the opportunity to study the contemporary world through current events. It 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)**
- **Grades 10 - 12**
- **Credit: 0.50**

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 present day.

**2460 AMERICAN POP CULTURE (s)**
- **Grades 10 - 12**
- **Credit: 0.50**

This course 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.

**2470 METHODS OF RESEARCH (s)**
- **Grades 10 - 12**
- **Credit: 0.50**

Methods of Research offers you the opportunity to immerse yourself in the research process to unlock strategies for not only doing research but also developing presentations that accompany that research. You will analyze the process, discover and utilize tools, and develop a variety of strategies for research and presentation through projects of your own design. Along the way, you will further develop the skills of inquiry, analysis, synthesis and associative thinking.

**2480 ECONOMICS (s)**
- **Grades 10 - 12**
- **Credit: 0.50**

This introductory course defines basic economic principles and economic systems through the examination of traditional, command, market and mixed economies. The role of individual consumers, businesses and government in economics will be studied through the economic development of the United States by examining the evolution of fiscal and monetary policy. International trade and globalization will be studied through absolute and comparative advantage, US trade policy, global institutions, free trade agreements, labor markets and outsourcing. You will evaluate economic systems and analyze international trade and globalization as it relates to the US economy.

**SPECIAL EDUCATION**

The Stroudsburg Area School District either directly, or through contract with other education agencies, provides special education programs and services that are 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 needs outlined within the IEP. If your IEP states that you have a need for 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 to enrich and/or advance you in your identified area(s) of giftedness.

Technology Education

The High School Technology Education program is an individualized and specialized activity-based program that is concerned with understanding the evolution, application, and significance of technology. In-depth study is provided in the technical components of Manufacturing, Construction, Energy and Transportation sectors. Emphasis is given to the application of Science, Technology, Engineering, Arts, and Math (STEAM) principles. Courses in Technology Education are open to students in all program sequences. You must successfully complete one course in Technology Education to meet the SASD graduation requirements.

6410 EXPLORING TECHNOLOGY
Grade 9
Credit: 1.00
This course is designed to provide you with a sampling of technology subjects that are offered in the Senior High School Technology Education sequence. Power, materials and communication technologies are presented to you to develop an understanding of and an ability to use and apply these technologies in our global society. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as related fields of study.

6411 EMERGING ENERGY TECHNOLOGIES (s)
Grade 9
Credit: 0.50
This course is designed to study the past, present and future of all forms of energy that our society has become dependent on. You will investigate and complete projects in areas including electricity, combustion engines, alternative energy and transportation systems. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as related fields of study.

6412 INTRODUCTION TO ENGINEERING & DESIGN (s)
Grade 9
Credit: 0.50
Throughout this course, you will develop a basic understanding of the engineering and design process. You will use a variety of hand and power tools to complete a variety of assignments while applying STEAM skills and practices. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6420 MATERIALS PRODUCTION 1 (s)
Grades 10 - 12
Credit: 0.50
This course is designed to teach you the proper and safe use of all power woodworking machinery. This knowledge will be used to complete a required project. It is recommended that this course be paired with Introduction to CADD. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6430 MATERIALS PRODUCTION 2 (s)
Grades 10 - 12
Credit: 0.50
This course provides you with exposure in the manufacturing processes used in industry. Of major importance will be the manufacturing process, design, industrial materials and the proper and safe operation of all power woodworking machinery. It is recommended that this course be paired with Computer-Aided Drafting and Design (CADD). You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6421 MATERIALS PRODUCTION 3: CONSTRUCTION TECHNOLOGIES (s)
Grades 10 - 12
Credit: 0.50
You will develop a basic understanding of the design and behavior of structures. Through laboratory activities, you will 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. It is recommended that this course be paired with Architectural CADD. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

5650 ENGINEERING & TECHNOLOGY CONCEPTS (s)
Grades 10-12
Course meets 3/6 days per cycle
Credit: 0.25
Throughout this course, you will develop a basic understanding of the engineering and design process. You will use a variety of hand and power tools to complete a variety of assignments while applying STEAM skills and practices. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6435 ROBOTICS 1 (s)
Grades 10 - 12
Credit: 0.50
Automation and Control – You will learn the principles of automation used to operate and control industrial machinery and robots. You will experience Computer Numerical Control (CNC) Lathe and Milling operations and various methods for programming and controlling industrial type robots. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.
6436 ROBOTICS 2 (s)
Grades 10 - 12
Credit: 0.50
(Recommend Robotics 1)
You will learn applications of robotics principles through the use of VEX robotics hardware and software. You will complete individual and group activities, culminating in an end-of-course robotics competition. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6440 CADD 1: INTRODUCTION TO CADD (s)
Grades 10 - 12
Credit: 0.50
This course is appropriate for you if you desire to increase your technical knowledge beyond word processing and spreadsheet software. Projects are completed on a PC running a variety of Computer Aided Drafting and Design (CADD) software. You will be introduced to: orthographic projections, sections, auxiliary drawings, pictorials and developments. You will also explore potential careers in the STEAM (Science Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6442 COMPUTER-AIDED DRAFTING AND DESIGN - CADD
Grades 10 - 12
Credit: 1.00
This course is appropriate for you if you desire to increase your technical knowledge through the use of computers. The course will involve an in-depth study of the following: orthographic projections, sections, auxiliary drawings, pictorials and developments. Work is performed on a PC running a variety of CADD software. This course is highly recommended if you are considering a career in engineering and other STEAM disciplines. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6445 ARCHITECTURAL DESIGN TECHNOLOGY
Grades 10 - 12
Credit: 1.00
You will design and create the necessary drawings for residential construction, including a floor plan, basement plan, wall section, elevations, stair detail, fireplace detail, plot plan, and a pictorial rendering. Work is performed on a PC running CADD software. Also, with time permitting, you will build an architectural model of your individual design. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6446 ADVANCED COMPUTER-AIDED DRAFTING
Grades 10 - 12
Credit: 1.00
This is an advanced computer course dealing with technical problem solving in mechanical drawing. Additional types of drawings will be included such as working drawings, structural drawings, and schematic drawings. You will also explore potential careers in the STEAM (Science, Technology, Engineering, Arts, and Math) fields, as well as other related fields of study.

6011 FRENCH 1 - CP (NCAA)
Grades 9 - 12
Credit: 1.00
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 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 French course.

6012 FRENCH 2 - CP (NCAA)
Grades 9 - 12
Credit: 1.00
(Recommend: Successful completion of French 1)
French 2 is a College-Preparatory course that reinforces the study of the French sound system and continues the study of basic grammar, vocabulary and French culture. Listening, speaking, reading and writing abilities are developed. 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
(Recommend: Successful completion of French 1 and 2)
French 3-H continues the study of basic grammar and increases your vocabulary range. The study of French culture is also continued. More emphasis is placed on speaking to develop proficiency. French literature is introduced. This course is conducted primarily in French, and you are expected to participate in French.

6014 FRENCH 4 - H (NCAA)
Grades 11 - 12
Credit: 1.00
(Recommend: Successful completion of French 3-H)
French 4-H completes the study of basic grammar. Speaking, reading, listening and writing skills are further developed through spontaneous and prepared talks. French literature is read and discussed. The study of French culture continues. This course is conducted primarily in French, and you are expected to participate in French.

6015 FRENCH 5 - H (NCAA)
Grades 12
Credit: 1.00
(Recommend: Successful completion of French 4-H)
French 5 Honors approximates the intensive listening, speaking, reading and writing atmosphere of a third year, college-level course. This course is conducted mainly in French, and you are expected to participate fully in your speaking and listening skills. French Literature, history, advanced grammar and culture will be further studied. Additionally, contemporary and classic French films will be examined.

6023 GERMAN 3 - H (NCAA)
Grades 10 - 12
Credit: 1.00
(Recommend: Successful completion of German 1 and 2)
German 3-H continues the study of basic grammar and increases your vocabulary range. More emphasis is placed on creative self-expression through speaking and writing assignments. Brief authentic texts are read. Homework, writing assignments, and a project are required. This course is conducted primarily in German, and you are expected to participate in German.

6024 GERMAN 4 - H (NCAA)
Grades 11 - 12
Credit: 1.00
(Recommend: Successful completion of German 3-H)
You will build on the information and skills learned in levels 1 through 3-H.

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, in an effort to promote understanding, is also an integral part of each course and is introduced through readings, recordings, and a video component.

* Unless otherwise specified, all courses meet 6/6 days per cycle.
Speaking proficiency is developed through discussions. Writing ability is developed through story and essay writing. German short stories are read and discussed. Basic grammar is reviewed as needed, and the finer points of grammar are studied in order to develop writing proficiency. Homework and essays are required. This course is conducted primarily in German, and you are expected to participate in German.

6025 GERMAN 5 - H (NCAA)
Grade 12
Credit: 1.00
(Recommend: Successful completion of German 4-H)
German 5 Honors approximates the intensive listening, speaking, reading, and writing atmosphere of a third-year, college-level course. These skills are given special attention through a sampling of German literature, and grammar review. Contemporary German films are viewed and discussed. This course is conducted primarily in German, and you are expected to participate.

6031 SPANISH 1 - CP (NCAA)
Grades 9 - 12
Credit: 1.00
Spanish 1 is a College-Preparatory course that familiarizes you with the Spanish sound system, basic grammar, vocabulary and introduces the culture of Spanish-speaking countries. Speaking of Spanish is necessary in order 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
(Recommend: 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
(Recommend: 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 written. The study of Hispanic history and culture is continued, and there are also various written and speaking projects assigned. 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
(Recommend: Successful completion of Spanish 3-H)
You will build on the information and skills learned in levels 1 through 3-H. Speaking proficiency is developed through class discussions. Writing ability is developed through composition and essay writing. Basic grammar is reviewed, and finer points of grammar are studied in order to develop writing proficiency. 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
(Recommend: Successful completion of Spanish 4-H)
Spanish 5 Honors approximates the intensive listening, speaking, reading, and writing atmosphere of a third-year, college-level course. Special attention is given to these skills through a series of lectures, short stories, plays and essays. There is also a varied study of Hispanic culture. The class is conducted primarily in Spanish, and you are expected to participate in Spanish.

Monroe Career & Technical Institute

570-629-2001
www.monroecti.org

The Monroe Career & 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 of the program areas available to you or refer to 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 both the required course and credit requirements necessary for graduation. Before the start of the tenth grade, you must have completed courses in ninth-grade English, math, social studies, science and physical education in order 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 to include: mathematics, social studies, science and English. It is a full-day program, and 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 which are determined on a program-to-program basis may have limited seats available due to a high demand from all attending Monroe County schools.

All programs consists of a list of PDE required tasks and additional local or value added tasks.

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**Construction**

<table>
<thead>
<tr>
<th>Code</th>
<th>Program</th>
<th>Grades</th>
<th>Credit</th>
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<tbody>
<tr>
<td>8027A/8027P</td>
<td>CARPENTRY</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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<tr>
<td>8027A/8027P</td>
<td>ELECTRICAL TECHNOLOGY</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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<tr>
<td>8030A/8030P</td>
<td>MASONRY</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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<tr>
<td>8033A/8033P</td>
<td>PLUMBING</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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The Carpentry Program is an instructional program that prepares you 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 you with a combination of classroom theory and hands-on building experience in residential, commercial, and industrial construction trades.

The Electrical Technology Program is an instructional program that prepares you 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. You are also given the opportunity to pursue advanced training in motor control circuits and power technology applications. You are also afforded the opportunity to study home automation by using the Smart Home Technology. You receive practical experience by completing many projects.

The Masonry Program is an instructional program that prepares you 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 hands-on projects.

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**Health Science & Human Services**

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<th>Code</th>
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<tbody>
<tr>
<td>8032A/8032P</td>
<td>HEATING, VENTILATION AND AIR CONDITIONING</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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<tr>
<td>8085A/8085P</td>
<td>COSMETOLOGY</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
</tr>
<tr>
<td>8502A/8502P</td>
<td>CULINARY ARTS</td>
<td>Grades 9 - 12</td>
<td>4.00</td>
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</table>

The Heating, Ventilation & Air Conditioning (HVAC) Program is an instructional program that combines classroom and practical learning experiences. This Program prepares you 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.

Plumbing is an instructional program that prepares you 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 Cosmetology Program is an instructional program that prepares you to apply technical knowledge and skills related to experiences 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 also includes instruction in bacteriology, anatomy, hygiene, sanitation, salon management including record keeping and customer relations. Instruction is designed to qualify you for the licensing examination upon successfully completing 1,250 hours of instruction.

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The Culinary Arts Program is an instructional program that prepares you 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 if you desire to become employed in all areas of the food service industry at entry level. The Program is certified by the American Culinary Federation.
The Hotel, Resort, and Tourism Management Program (HTMP) is an instructional program that prepares you to perform marketing and management functions in operational responsibilities associated with a wide variety of careers within the hospitality and tourism industry. You will be instructed in the areas of personal development, communications, leadership, guest services, sales, financial processes, front office operations, housekeeping, food and beverage service, facilities management, property safety/security, resort management and other occupational preparation activities that will develop you in the necessary competencies for employment in the hotel/motel industry.

The Program has been designed by the American Hotel & Lodging Association – Educational Institute with active industry involvement and approval. Through HTMP, partnerships are established with local hotels to provide student internships, field trips, and job shadowing.

### Applied Horticulture (Floriculture)

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<th>Code</th>
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<tr>
<td>8404A</td>
<td></td>
<td>9 - 12</td>
<td>4.00</td>
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The Horticulture Program is an instructional program having a combination of organized subject matter and practical experiences that generally prepares you 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.

### Criminal Justice

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<td>8512A</td>
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<td>9 - 12</td>
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The Criminal Justice Program is an instructional program that prepares you 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.

### Computer Networking and Security

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<th>Code</th>
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<td>8602A</td>
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<td>9 - 12</td>
<td>4.00</td>
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Graphic Communications is an instructional program that generally prepares you 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. You 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 you to work in computer design, digital prepress, press work, sign making/vehicle graphics, screen printing, sandblasting, and more. In addition, you will be instructed in various finishing operations.
The Program is certified by the National Institute for Metalworking Skills (NIMS), and you can receive credentials from NIMS.

The Welding Technology Program is an instructional program that prepares you 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. You 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.

Enrollment in the Automotive Technology Program prepares you to apply technical knowledge and skills to repair damaged automotive vehicles such as automobiles and light trucks. This Program includes instruction in the diagnosis and testing, including computer analysis, of malfunctions in and repair of engines, fuel, electrical, cooling and brake systems and drive train and suspension systems. Instruction is also given in the adjustment and repair of individual components and systems such as cooling systems, drive trains, fuel system components and air conditioning and includes the use of technical repair information and the state inspection procedures.

This Program is certified by the National Automotive Technicians Education Foundation (NATEF) and is designed for you if you 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.

The Power Equipment Technologies Program is an instructional program that prepares you 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 other equipment.
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.

8041A/8041P  DIESEL TECHNOLOGY
Grades 9 - 12
Credit: 4.00
The Diesel Technology Program is designed to prepare you 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).

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

School-to-Work Programs:
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 on 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 in a safe and legal manner to and from the job. At no time should other students be riding in your vehicle without prior approval.
* You may not terminate your employment without the advanced approval of the Diversified Occupations instructor.
* 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
Credit: 4.00
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)**

The Diversified Occupations Program (DO) is an instructional program that operates as an integral part of a career and technical education to provide a cooperative arrangement between the school and employers whereby you receive 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 technical education area where there are needs for skilled persons.

The DO Program is a partnership between MCTI, the sending district, the student and the student's parents, and the employer. This program is designed to help you transition from school to the world of work while gaining valuable life and work experience. You are responsible for finding part-time employment with a local employer. You will take this class and be awarded elective credit based on the time in your work area.

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### 8th Grade Curricular Offerings

**ACADEMIC AREAS**

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

Based on the scores on the state reading and math assessment (PSSA), you may be assigned 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**

**Advanced Language Arts - 9180**

Advanced Language Arts is a rigorous course of study. You must complete the core requirements of the eighth-grade curriculum. 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. Specific conventions and mechanics will be used to enhance the overall understanding of this integrated approach.

**Language Arts Workshop - 9182**

This Language Arts Workshop emphasizes the integration of reading and writing. You will write in response to a variety of 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. Vocabulary, spelling, and language usage and mechanics will be integrated into instruction. You will be enrolled in Reading/Writing Edge B in conjunction with this course. You may also be required to read supplemental texts. You will also engage in an extensive vocabulary program as well as a comprehensive grammar program. Modes of writing and speaking in the course cover a variety of genres including descriptive, persuasive, informative and narrative. In order to tailor the program to individual interests and capitalize on your personal thirst for knowledge, you will write a research paper on a teacher-approved topic of choice. The research unit is a comprehensive project intended to exercise critical-thinking skills through the development of a thesis statement to the final paper defending a position.

**SOCIAL STUDIES**

**Advanced Civics, Government, and 18th Century History - 9280**

**Grade 8**

**Credit: 1.00**

This course provides a study of history (American and world) during the 18th century, as well as a one quarter seminar which focuses on the PA State and Core Standards that govern Civics and Government at the state and local 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. The foundations of research methodologies, the use of technology tools to facilitate that research, and the products that reflect that research will be emphasized. The eighth-grade curriculum requires advanced study and above average expectations. You are expected to demonstrate critical-thinking and problem-solving skills, as well as developmental public speaking abilities. An emphasis is placed on 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 6th grade, 7th grade or on a 7th grade CDT. Academic and classroom performance will also be reviewed and considered.

**Civics, Government, and 18th Century History - 9281**

**Grade 8**

**Credit: 1.00**

This course provides a study of history (American and world) during the 18th century, as well as a one quarter seminar which focuses on the PA State and Core Standards that govern Civics and Government at the state and local 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. The root elements of research methodologies, the use of technology tools to facilitate that research, and the products that reflect that research will be emphasized.
The eighth-grade curriculum requires basic study and developmental expectations. You are expected to demonstrate developmental critical-thinking and problem-solving skills, as well as preliminary public speaking abilities. Basic skills for research and the writing process will be developed.

**SCIENCE**

**Advanced Earth and Space Science - 9380**
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, development of plate tectonics theory, earthquakes and volcanoes. The curriculum also focuses on oceans and shorelines, surface and ground water systems, the earth and moon as a system, as well as comparative planetary astronomy. Hands-on activities, student research, critical-thinking skills, graphing, and mapping are included. This course requires a greater proficiency in math and writing skills than the basic curriculum. For placement in Advanced Science it is recommended that you have scored Advanced in Math and Advanced in Reading on the PSSAs in 6th grade, 7th grade or on a 7th grade CDT exam. Academic and classroom performance will also be reviewed and considered.

**Earth and Space Science - 9381**
This course is a general survey of earth and space sciences. Meteorology topics include variables of weather, severe weather and weather maps. Geology topics include characteristics of rocks and minerals, development of plate tectonics theory, earthquakes and volcanoes. The curriculum also focuses on oceans and shorelines, surface and ground water systems, the earth and moon as a system, as well as comparative planetary astronomy. Hands-on activities and student research are included.

**MATHEMATICS**

**Geometry H - 3210**
*(Prerequisite: 7th Grade Algebra 1)*
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. Concepts of vectors, dilations, and transformational geometry will also be studied. Computer software will be used 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.

**Geometry CP - 3320**
*(Prerequisite: 7th Grade Algebra 1)*
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. A unit of high school credit is earned for successful completion of Geometry CP 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.

Pre-Algebra 6/6 – 9581
Pre-Algebra 9/6 – 9583
Pre-Algebra 9/6 – 9583CT
This course is designed to provide smooth 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. 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.

Pre-Algebra 6/6 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.

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

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

This course is designed as a rigorous introduction to Algebra skills and concepts. Candidates for this course must possess excellent Pre-Algebra skills including rational number skill, distributive property, combining like terms, solving multi-step equations and inequalities including variables on both sides, basic concept of slope, and graphing a line given an equation in slope intercept form. The emphasis of the course is on 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. Calculators and computer software will be used 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.

Reading Workshop (8) - 9682
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 comprehensiveness. 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 also encourage you to read more. The Standards set the goal for you to read 25 books per year. This course will encourage you to read 25 books. 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, 7th grade or on a 7th grade CDT. Academic and classroom performance will also be considered. For placement in Reading Workshop, you must have scored Basic/Below Basic on the PSSAs in 6th grade, 7th grade or on a 7th grade CDT exam. Grades, teacher or school counselor recommendation will also be considered.

Reading/Writing Edge A (8) - 9683
Reading/Writing Edge B (8) - 9684
This program is designed for you if you have been identified as needing additional instruction with 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 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 LANGUAGES

A World Language class will be available to current 8th graders who meet the following requirements:
* An eighth-grade World Language Application must be completed.
* Advanced grade average (Quarters 1 through 3) in 7th Grade Reading (90% average grade or higher)
* Advanced grade average (Quarters 1 through 3) in 7th Grade Language Arts (90% average grade or higher)
* Advanced Performance shown on Reading Assessments (Advanced on 6th Grade PSSA Reading. If you scored Proficient on the 6th grade PSSA, you may still be eligible if you scored at the Advanced level on one or more of the CDT Reading assessments during the 7th 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.

French 1 CP – 6011 (NCAA)
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.

Spanish 1 CP – 6031 (NCAA)
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 in order 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.

PHYSICAL EDUCATION/HEALTH/CAREERS/COMPUTER SKILLS ROTATION
(These courses meet three days per six-day cycle)

Physical Education - 9780
This course includes a comprehensive program of team sports, lifetime activities, and fitness exercises with an emphasis on personal fitness and growth. Physical education is taught in an atmosphere which provides the opportunity to grow physically, emotionally and socially in a supportive and cooperative environment. Fitness tests are mandatory each year.

Career Awareness - 9781
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 which 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.

Health – 9782
This course provides a basic knowledge of health and wellness leading to 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 grade 8 and includes the following health content areas: mental and emotional health, nutrition, alcohol, tobacco and other drugs, and communicable and chronic diseases.

Computer Skills – 9783
This course begins with a review of keyboarding skills and techniques. You will extend your introductory skills learned in seventh grade in word processing, spreadsheet, presentation and desktop publishing concepts.

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.

* Unless otherwise specified, these courses meet three days per six-day cycle.

Intro to 2D Design – 9785A (45 days)
This course is an introductory course in the visual arts, as 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 create and design projects.

Art through the Years – 9785B (45 days)
This course will explore art from different periods in time. You will create your own art inspired by some of the great masters, but adding your own unique twist to their creations.
Art from Many Hands – 9785C (45 days)
You will have the chance to explore art from many cultures all over the world. Your own works will be inspired by art from different countries, as well as our own. A variety of media will be used to create your own original works.

Art and Architecture – 9785D (45 days)
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.

The World of Baking – 9786A (45 days)
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. The skills of applied math and science will be used in the production of items that lead to self-sufficiency and to marketability. You will calculate and examine factors that influence the difference between cost of production and the cost of retail thus resulting in profit margin. You will examine the financial and environmental impact of the decision to produce or to buy.

Cooking for Life – 9786B (45 days)
You will participate in activities that will focus on cooking. You will learn to make main courses and side dishes. The skills of applied math and science will be used in the production of items that lead to self-sufficiency and to marketability. You will calculate and examine factors that influence the difference between cost of production and the cost of retail thus resulting in profit margin. You will examine the financial and environmental impact of the decision to produce or to buy.

Textiles & Sewing: Make and Take – 9786C (45 days)
You will participate in activities that will focus on textiles and sewing skills. Items made during this class may be kept. You will learn to interpret pattern directions and markings. You will learn to use sewing tools. You will learn to hand sew and to operate and effectively use a sewing machine. The skills of applied math and science will be used in the production of items that lead to self-sufficiency and to marketability. You will calculate and examine factors that influence the difference between cost of production and the cost of retail thus resulting in profit margin. You will examine the financial and environmental impact of the decision to produce, redesign, reuse, repurpose, or buy new.

Textiles and Sewing: Community Service – 9786D (45 days)
You will participate in activities that will focus on textile and sewing skills for community service. The items made in this class will be donated to community organizations such as AWSOME, Animals Can’t Talk, The American Red Cross and Shelters. The skills of applied math and science will be used in the production of items that lead to self-sufficiency and to marketability. You will calculate and examine factors that influence the difference between cost of production and the cost of retail thus resulting in profit margin. You will examine the financial and environmental impact of the decision to produce, redesign, reuse, repurpose, or buy new.

SeaPerch – 9787A (45 days)
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.

Manufacturing and Construction – 9787B (45 days)
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 learn about manufacturing and construction principles used in the respective fields.

Aerospace and Flight – 9787C (45 days)
Experience the world of flight and rocketry. You will design and build anything from kites to rockets. This program will teach you about the principles and history of flight and propulsion systems through a series of design and build assignments.

Green Energy – 9787D (45 days)
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 the production and delivery of electrical energy for residential use.
(These courses meet three days per six-day cycle.)

Concert Band - 9980
This full-year course is open to you if you have previous concert band experience. No audition is necessary; however, 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. There will be a required music performance evaluation at the end of each semester. You will develop a repertoire of instrumental music in a variety of styles, develop rehearsal and practice techniques, and be introduced to beginning sight-reading. Opportunities will also be given for extra-curricular activities such as Marching Band and Jazz Band.

Orchestra - 9982
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. There will be a musical performance evaluation at the end of each marking period. Prerequisite: three years ensemble experience or the equivalent and recommendation of the Orchestra Director.

Chorus - 9985
This full-year course is open to all eighth-grade students interested in singing. You will develop a repertoire of vocal music in a variety of styles and languages, develop rehearsal and vocal techniques, be introduced to beginning sight singing, and will 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. Opportunities will also be given for extra-curricular activities such as small ensembles, show choir and musical productions.

SPECIAL EDUCATION
The Stroudsburg Area School District either directly, or through contract with other education agencies, provides special education programs and services that are required to meet your specific disabilities. An Individualized Education Program (IEP) is developed for you if you meet eligibility for building-level team with program and course recommendations to meet your specific and individual needs. Both regular education and special education classes are available to address needs outlined within the IEP. If your IEP states that you have a need for 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.

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. Based upon an English language proficiency evaluation, you will receive one to five ESL periods of instruction per day.

ESL Support 8 FY – 9126
ESL Support 8 3/6 - 9127
The program is available to ESL students who have been identified as needing additional instruction and practice with basic reading, language art skills and study skills. Development of improved study strategies is stressed. You will receive help with content material and assignments. This program is individualized to meet your needs and does not count as original language arts credits. This course meets three days out of a six-day cycle or six days out of a six-day cycle throughout the school year.

Language Arts 1 ESL – 9121
Language Arts 2 ESL – 9122
Language Arts 3 ESL - 9123
Language Arts 4 ESL - 9124
You will be engaged in listening, speaking, reading and writing English through an integrated language arts curriculum using materials for English language acquisition, literature and other supplemental materials. Building both on your prior knowledge and on new materials, you prepare to enter academic content classes. You become familiar with the culture and structure of an American school and the community. Placement is made following assessment by the ESL teacher.
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 parents 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.

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<th>Course Category</th>
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Electives (Need a minimum of 4.0 credits)