

NORTH CLARION HIGH SCHOOL

COURSE SELECTION GUIDE

2025 - 2026



**10439 Route 36
Tionesta, PA 16353
744-8544**

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TABLE OF CONTENTS

	Page
Introduction -- Purpose of this Guide	1
Graduation Requirements	2
Keystone Exams	2
Arts and Humanities	3
Withdrawal from a Course	3
Time Schedule	3
North Clarion Weighted Course Curriculum	3
Selection of Valedictorian/Salutatorian	3
Vocational Programs	4
Dual Enrollment	4
Timeline for College Advice -- Post-Secondary Education	5
Timeline for College Admissions	5
Recommended Course Sequence	6
Course Offerings -- Grades 9-12	7
Course Descriptions	
English	8
Social Studies	9
Mathematics	10-11
Science	11-12
Business Education	13
Foreign Languages	14
Art	14-15
Music	15
Industrial Arts	15-16
Physical Education	16
Health Education	16
Additional Opportunities	
Integrated Academic Studies	16
Clarion County Career Center	16-17
Procedural Requirements	17-18
Support Services	18

PURPOSE OF THIS GUIDE

This Course Selection Guide has been compiled for the purpose of helping students select courses that are best suited for their academic growth.

Choosing one's schedule is one of the most important activities for every high school student. Each student must identify those courses offered each year that will best prepare him/her for his/her educational and career goals. To identify and determine these goals, each student should work closely with his/her parents, teachers, and the guidance counselor.

Consideration must be given to your career plans, job training, employment and educational goals beyond high school. After high school, your preparation for employment may involve the following levels:

- A. Apprenticeship Training: this training consists of on the job training for which one receives a reduced wage while learning.
- B. Vocational or Technical Training: this training consists of a formal training program in a vocational, technical, or trade school. This training will vary from three to twenty-four months depending on the program.
- C. Technical Preparation/Associate Degree: this training is usually a two-year program at a junior/community college or branch campus, at the conclusion of which an associate degree is usually awarded.
- D. Baccalaureate Degree Training: this training is a four-year program of study at a college or university on the conclusion of which a bachelor of science or arts degree is usually awarded.
- E. Masters / Doctoral Training: this training consists of additional course work required beyond the Baccalaureate Degree Program in certain career areas.

Your educational growth, career goals, and training beyond high school need to be considered as you select your high school courses. Consultation with your parents, teachers, and guidance counselor is important in helping you develop the academic strengths and plan that will help you compete in our fast paced society. The following examples of jobs requiring college preparation are offered to help you plan for your future.

EXAMPLES OF JOBS REQUIRING COLLEGE PREPARATION

Two-Year College (Associate Degree) Degrees)	Four-Year College (Bachelors Degree)	More Than Four Years (Various Graduate
Computer Technician	Teacher	Lawyer
Surveyor	Accountant	Doctor
Registered Nurse	Computer Systems Administrator	Architect
Dental Hygienist	Engineer	Pharmacist
Diagnostic Medical Sonographer	Journalist	University
Physical Therapy Assistant	Professor	
Hotel/Restaurant Manager	Insurance Agent	Veterinarian
	Marketing Manager	Psychologist

For more information on Educational Requirements for specific jobs or careers, contact the Guidance Counselor in the guidance office, search the Occupational Outlook Handbook on o*net (<https://www.onetonline.org/>), and visit www.educationplanner.org or www.choices360.com.

GRADUATION REQUIREMENTS

1. Credits required and must be passed for Graduation:
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- A. 4 English credits
- B. 3 Social Studies credits (Am History II, American Gov/Law, Economics)
- C. 4 Science **Courses** (Biology)
- D. 4 Math credits (Algebra I)
- E. 2 Arts and Humanities credits
- F. 2 Physical Education credits (Pass/Fail)
- G. .50 Health credit
- H. 4 Elective courses
- I. 1 Personal Finance

24.50 Total Credits

*** Students must take at least 6.50 credits per school year.**

As part of graduation requirements, all students are required to complete a 6 hour career mentoring/Job shadowing experience. This will be an assignment within their Personal Finance course. Students are also required to complete a wide array of career artifacts and activities as part of graduation requirements within Career Education and Work Standards.

Act 158 is another aspect of graduation requirements which is mandated by the Pennsylvania Department of Education. All students must meet criteria in one of six potential graduation pathways. For more information, please visit: https://pdesas.org/Frameworks/DCEToolKit/Act158_PathwaysToGraduationToolkit.com The district will work with students to determine the appropriate pathway to meet this requirement.

2. Students must take and pass the following required courses:

Grade 9	Grade 10	Grade 11	Grade 12
English Am History II Math Biology Phys. Ed Health	English Am. Gov/Law Math Science Phys. Ed	English Economics Math Science Phys. Ed Personal Finance	English Math Science Elective Phys. Ed

Each student is required to register for a nine-period day. Special exception is granted to students of the tenth, eleventh and twelfth grades enrolling in Clarion County Career Center. Additional exceptions are for those involved in an early release program to take courses at Penn West University. An early release program requires school board approval.

KEYSTONE EXAMS

As part of graduation requirements, the Pennsylvania Department of Education mandates that all students take and gain proficiency on the Keystone exams in the areas of Algebra I, Literature, and Biology. Students will be expected to take these exams at the end of their course work in these subject areas.

WITHDRAWAL FROM A COURSE

Students who choose to withdraw from a class after the drop/add period at the beginning of the school year, will receive a withdraw/fail on their transcript for that course and not receive credit.

ARTS AND HUMANITIES

The following courses are the only electives that will fulfill the Arts and Humanities credit requirements:

Spanish I-IV Writing	Digital Media I	Creative Writing II	Contemporary Lit & Creative
French I- II Band/Chorus	Digital Media II Drawing/Painting I Drawing/Painting II	Ind Arts Survey Adv Ind Arts Survey 3D / Sculpture I	Debate and Persuasive Analysis 3D / Sculpture II Drawing/Painting III/IV

NORTH CLARION TIME SCHEDULE

Regular Schedule	
Breakfast	7:45-8:06
Period 1	8:09-8:49
Period 2	8:52-9:32
Period 3	9:35-10:15
Period 4	10:18-10:58
Period 5 (Class)	11:01-11:41
Period 5 (Lunch)	11:01-11:31
Period 6 (Class)	11:34-12:14
Period 6 (Lunch)	11:44-12:14
Period 7	12:17-12:57
Period 8	1:00-1:40
Period 9	1:43-2:23
Activity/Homeroom	2:26-3:00

North Clarion Weighted Course Curriculum

The rationale for the implementation of weighted classes is: (1) to encourage students to take more challenging courses, and (2) to acknowledge and reward the caliber of rigorous coursework students select programmatically.

If a student receives a score below 75% in the weighted course, they will not receive the weighting for their coursework. This weighted course curriculum will be implemented starting with the class of 2026.

The following courses shall be weighted with 5.0 quality points:

- Math** – Calculus, Accelerated Algebra II, Accelerated Geometry, Accelerated Pre-Calculus
Science- Physics, Chemistry II, AP Biology, Chemistry I
English- 10 Honors English, 11 Honors English, AP English Literature and Composition

SELECTION OF VALEDICTORIAN/SALUTATORIAN
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In order to determine who has earned the Valedictorian and Salutatorian, student's credits and grades from 9th through 12th grade are tabulated for class rank and grade point average (GPA) on a weighted scale. There are six weighted courses offered at North Clarion which would add a .05 to the GPA if the student had earned a "C" or better in these weighted courses. At the culmination of the student's senior year, final grades and credits are entered and utilized to establish each honor.

Beginning with the Class of 2026, the selection of the valedictorian/salutatorian will be determined

based upon their cumulative weighted percentage.

VOCATIONAL PROGRAMS

The School Board believes that vocational education is an integral part of a student's education. Vocational education can provide individuals with skills needed to be economically self-sufficient, and provide business and industry with the skilled employees they need to remain competitive

Vocational education for North Clarion students will be provided by the Clarion County Career Center and the vocational business courses offered by North Clarion High School.

The following vocational programs are available at Clarion County Career Center:
226-4391

Telephone: (814)

Allied Health Science	Culinary Arts & Hospitality
Automotive Technology	Diesel Technology
Computer Networking/Info Systems	Police Science
Construction Technology	Welding & Fabrication
Cosmetology Styling Academy	

Descriptions of the courses offered at the Clarion County Career Center can be found on pages 16 - 17. Additional materials are available in the guidance office. Students and parents are encouraged to visit vocational programs to determine what educating opportunities are available at the Clarion County Career Center. Visits and tours can be arranged by contacting the vocational-technical school or through the Guidance Counselor in the guidance office.

NOTE: The North Clarion County School Board has adopted the policy that no student will be permitted to start or continue in a vocational-technical program if they cannot maintain normal progress toward graduation. Students will have to make-up the deficiency in summer school or by being tutored **before** they can participate or continue in a program at the vocational-technical school.

DUAL ENROLLMENT

North Clarion works collaboratively with **Penn West University** to provide 11th and 12th grade students with the opportunity to take college courses while still in high school. Courses offered are general studies which can be transferred and carried over to most baccalaureate degrees. In order to qualify, students must have a minimum of a 3.0 GPA and be on the Keystone/PSSA at the proficient or advanced range for math and/or reading and/or writing tests (at least one advanced for PSSA) or have a 1030 PSAT/SAT score. Upon choosing to participate in dual enrollment, students will receive one elective credit toward their graduation requirements for each course. This elective credit is not part of the grade point average calculation. Interested students are encouraged to inquire at the guidance office for additional information and the application to participate in this program. You can also check out pennwest.edu/admission/dual-enrollment for further information.

We are pleased to be able to offer students several College in the High School (CHS) courses through our collaboration with the University of Pittsburgh - Bradford. In this unique situation, students enrolled in a designated North Clarion course are eligible to earn college credits. To earn the college credits through Pitt-Bradford, parents need to register their student in the program and make payment to Pitt-Bradford at an approximate cost of \$125.00 per course. The CHS registration period begins in November. Our CHS courses for the **2024-2025** school year include: **Calculus, Accelerated Pre-Calculus, Statistics, Accounting II, Economics, and Spanish IV**. As part of our mission moving forward, we hope to be able to offer additional CHS and dual enrollment options in the future.

TIMELINE FOR COLLEGE ADVICE - POST SECONDARY EDUCATION

PRIORITIES

- | | |
|--|---|
| a. Take challenging classes in high school | e. Screen schools - 2-yr., 4-yr., or military |
| b. Develop strong study habits | f. Visit and apply to three schools |
| c. Determine a career interest | g. MEET ALL DEADLINES |
| d. Pick a college major | h. Do financial aid research early |
1. The Guidance Office is equipped with a number of directories, catalogs, computer programs, financial aid information and career publications to help student's research post-secondary schools (2-yr., 4-yr., College, Trade and Military).
 2. Did you know that most jobs in the United States require some post-secondary education training or certification?
 3. If you are wondering about the proper time to plan and apply for college admission, the following is a handy reminder. You should start your comparative shopping as early as possible - THE EARLIER, THE BETTER.

TIMELINE FOR COLLEGE ADMISSIONS

1 1 G r a d e	FALL	Continue research on careers and post-secondary institutions
	October	Take PSAT at North Clarion Research and apply for scholarships
	January-February	Register for SAT or ACT First college visit to campus
	SPRING	Conduct intensive investigation Continue researching and applying for scholarships
	March/April	Take first SAT and/or ACT
	June	Appropriate time for certain SAT and/or ACT Achievement Tests. Recommended to take SAT and/or ACT twice.
	SUMMER	Access applications online Second college visit to campus Third college visit to campus
1 2 G r a d e	FALL	Complete applications Research and apply for scholarships Research other financial aid opportunities
	October/November	Take second SAT or ACT & Achievement Tests. Complete financial aid (FAFSA) application @ studentaid.gov
	December/January	Appropriate time for remaining Achievement Tests
	SPRING	Make final decisions
	March/April	Contact financial aid offices at college

RECOMMENDED COURSE SEQUENCE

	Grade 9	Grade 10	Grade 11	Grade 12
ACADEMIC TECHNOLOGY	English Amer Hist 2 Acc. Algebra 2 STS/Bio I w/lab Fr 1 / Span 1 PE/Health Elective Arts & Humanities STEM	English-Honors/Academic Amer Gov / Law Acc. Geometry Chem 1 Fr 2 / Span 2 PE/Health Chem I Lab / Studyhall Elective Elective Personal Finance STEM	English-Honors/Academic Economics Acc. Pre-Calculus PE/Health AP® Bio /Chem 2 Language or Soc Sci Elective Elective Personal Finance STEM	English-AP® Eng Lit Comp/ Academic Calculus Physics Language/Soc Sci/or Sci Elective Elective Elective Phys Ed STEM
APPLIED TECHNOLOGY	English Amer Hist 2 Algebra II STS/Bio I PE/Health Industrial Arts Survey Elective Arts & Humanities STEM	English Amer Gov / Law Geometry Phys Sci/Earth & Space PE/Health Industrial Arts Survey Elective Elective Personal Finance STEM	English Economics Pre-Calculus Earth & Space PE/Health STEM Elective Elective Personal Finance STEM	English Calculus or Bus. Algebra Science Tech & Society Elective Elective Elective Phys Ed STEM
BUSINESS TECHNOLOGY	English Amer Hist 2 Algebra II STS/Bio I PE/Health Arts & Humanities Computer Information Processing	English Amer Gov / Law Geometry Phys Sci/Earth & Space PE/Health Accounting I Elective Personal Finance	English Economics Pre-Calculus Earth & Space PE/Health Business Elective Desktop Publishing Elective Personal Finance	English Calculus or Bus. Algebra Science Tech & Society Accounting II Business Elective Elective Phys Ed
VOCATIONAL TECHNOLOGY	English Amer Hist 2 Foundations of Algebra STS/Biology PE/Health Arts & Humanities Elective	English Algebra I Phys Sci/Earth & Space/Bio PE/Health Elective Elective Personal Finance	English PE/Health American Government Geometry or Algebra II Vocational Program Personal Finance	English Science Tech & Soc/E & S American History III Vocational Program Phys Ed

	Elective	Waive Social Studies	Waive Science	Waive Math
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GRADE 9 - 12 COURSE OFFERINGS

<u>ENGLISH</u>	<u>CREDITS</u>
107 English 9	1.000
109 HONORS ENGLISH 10*	1.000
110 Academic English 10	1.000
112 HONORS ENGLISH 11*	1.000
113 Academic English 11	1.000
116 Academic English 12	1.000
117 AP® ENGLISH LIT/COMPOSITION*	1.000
134 Creative Writing I	0.500
140 Debate and Persuasive Analysis	0.500
142 Creative Writing II	0.500

<u>SOCIAL STUDIES</u>		
204 American History II	1.000	
217 American History III	1.000	
205 American Govt/Law	1.000	
206 Western Civilization	1.000	
210 Economics #	1.000	
218 Social Psychology	1.000	

<u>MATHEMATICS</u>		
312 ALGEBRA II	1.000	
313 ACCELERATED ALGEBRA II	1.000	
331 FOUNDATIONS OF ALGEBRA	1.000	
314 GEOMETRY	1.000	
315 ACCELERATED GEOMETRY	1.000	
320 PRE-CALCULUS	1.000	
319 ACC PRE-CALCULUS #	1.000	
321 CALCULUS* #	1.000	
308 BUSINESS ALGEBRA	1.000	
307 MATH EXCURSIONS	1.000	
310 STATISTICS #	1.000	
336-337 ALGEBRA I	1.000	

<u>SCIENCE</u>		
403 Biology	1.500	
404 Life Science	1.000	
410 Physical Science	1.000	
405 CHEMISTRY I	1.500	
406A-CHEMISTRY IIA	0.500	
406B-CHEMISTRY IIB	0.500	
408 Earth and Space Science	1.000	
407 PHYSICS	1.500	
409 Science Tech & Society (STS)	1.000	
411 Biology I	1.000	
414 ANATOMY	0.500	
421AP® BIOLOGY*	1.500	
422 STEM Applications	0.500	

<u>FOREIGN LANGUAGES</u>		
600 Spanish I	1.000	
601 SPANISH II	1.000	
602 SPANISH III	1.000	
603 SPANISH IV #	1.000	
604 French I	1.000	
605 FRENCH II	1.000	

<u>BUSINESS EDUCATION</u>		
515 Computer Information Process	1.000-Not offered 25-26	
518 Desktop Publishing I	1.000-Not offered 25-26	
519 DESKTOP PUBLISHING II	1.000-Not offered 25-26	
520 Multimedia Design	1.000-Not offered 25-26	
522 Mktg & Small Bus Mgmt	1.000-Not offered	
	25-26	
524 Accounting I	1.000	
525 ACCOUNTING II #	1.000	
527 YEARBOOK	1.000	
537 Personal Finance	1.000	
534 Principles of Computer Science	1.000	
535 Digital Media I	1.000	
536 DIGITAL MEDIA II	1.000	

<u>INDUSTRIAL TECHNOLOGY</u>	<u>CREDITS</u>
852 Industrial Arts Survey	1.000
853 ADVANCED INDUSTRIAL ARTS	1.000

<u>ART</u>		
787 Drawing / Painting I	1.000	
788 DRAWING/PAINTING II	1.000	
798 DRAWING/PAINTING III/IV	1.000	
789 3D / Sculpture I	1.000	
790 3D / SCULPTURE II	1.000	

<u>PHYSICAL EDUCATION</u>		
906 Physical Education & Drug & Alcohol 9, 10, 11, 12	0.500	

<u>HEALTH EDUCATION</u>		
905 Health	0.500	

<u>MUSIC</u>		
770 Senior High Chorus	1.000 Every Day	
771 Senior High Chorus	0.500 EOD	
755 Band	1.000 Every Day	
754 Band	0.500 EOD	

<u>ADDITIONAL OPPORTUNITIES</u>		
970 Int Academic Studies-Semester 1	0.250 each semester	
971 Int Academic Studies-Semester 2	0.250 each semester	

NOTE* As of 1999-2000 school year, students who are taking these courses and maintaining a grade of a C or above will have a weighted .05 bonus added to their overall grade point average at the end of the year.

NOTE All courses that appear in LARGE PRINT have pre-requisites or entrance requirements that students must meet in order to take the course. Please read course descriptions for specific information.**

NOTE: # denotes College in High School course

<u>CLARION COUNTY CAREER CENTER PROGRAMS</u>		
60 Allied Health Science	64 Cosmetology Styling Ac	
61 Auto Technology	63 Construction Technology	
65 Culinary Arts & Hospitality	66 Diesel Technology	
68 Welding and Fabrication	67 Police Science	
69 Computer Networking		

NOTE: The North Clarion County School Board has adopted the policy that no student will be permitted to start or continue in a vocational-technical program if they cannot maintain normal progress towards graduation. Students will have to make-up the deficiency in summer school or by being tutored before they can participate or continue in a program at the vocational-technical school.

***Beginning with class of 2026**

The following courses are weighted, in addition to others with a * listed above: Accelerated Algebra II, Accelerated Geometry, Accelerated Pre-Calculus, Physics, and Chemistry I.

COURSE DESCRIPTIONS

ENGLISH

107 - English 9 - (5 periods/week - 2 semesters, 1 credit)

This class focuses on effective writing skills, and grammar. Texts include Romeo and Juliet, Greek myths, and a novel unit along with a variation of short selections, and an introduction to research writing.

109 - Honors English 10* - (5 periods/week - 2 semesters, 1 credit) (Weighted)

Honors English 10 is an intensive reading and writing course designed especially for the college-bound student who is an avid reader and who has the desire to learn more than the obvious or superficial. Also included are research papers and compositions. Supplemental texts will be selected to prepare students for Advanced Placement English Literature and Composition. **To enroll, a student must have the recommendation of his/her ninth grade English instructor and at least an A average in English 9.**

110 - Academic English 10 - (5 periods/week - 2 semesters, 1 credit)

This course includes the study of literature. Also included are grammar, composition, and research.

112 - Honors English 11* - (5 periods/week - 2 semesters, 1 credit) (Weighted)

Honors English 11 is an intensive reading and writing course designed especially for the college-bound student who is an avid reader and has the desire to learn more than the obvious or superficial. This course includes a survey of American literature. Also included are research papers and compositions. Supplemental texts will be selected to prepare students for Advanced Placement English Literature and Composition. **To enroll, a student must have the recommendation of his/her English 10 instructor and have at least a B average in Honors English 10 or an A average in Academic English 10.**

113 - Academic English 11 - (5 periods/week - 2 semesters, 1 credit)

This course presents a survey of American literature. Also included are compositions, vocabulary building, and research.

116 - Academic English 12 - (5 periods/week - 2 semesters, 1 credit)

This course presents a survey of British literature from 449 until present day along with several connections to world literature. Included are research, compositions, reviews, and vocabulary building. Supplemental texts may include Lord of the Flies and Macbeth.

117 - AP® English Literature and Composition - (5 periods/week - 2 semesters, 1 credit) (Weighted)

Advanced Placement (AP) English 12 consists of a full high school academic year of work that is comparable to literature courses in colleges and universities. An objective of the course is to become adequately prepared for the AP® English Literature and Composition Exam in May. Critical reading and writing skills will be emphasized through extensive literary analysis. This course includes a survey of British literature from 449 to the present day along with several connections to world literature. Also included are research papers and compositions. Supplemental texts may include Beowulf and A Midsummer Night's Dream along with other selections of poetry, drama, and fiction. **To enroll, a student must have the recommendation of his/her English 11 instructor and at least a B average in Honors English 11 or an A average in Academic English 11.**

134 – Creative Writing I – (5 days/week-semester or every other day for a year, GRADES 9-12)

Students will read and analyze short stories, poems, plays, and a few young adult novels as model texts. They will also compose, revise, and share several passages of their own. Participants in this class are encouraged, but not required, to participate in the fall reading competition.

140- Debate and Persuasive Analysis - (5 days/week – 1 semester, or every year,.50 credit) GRADES 9-12

Students will analyze and evaluate persuasive texts and develop persuasive passages of their own. They will work on speech, research, critical thinking, and rhetoric skills. They will also participate in formal debates as well as a few formal debates based on the location, analysis, citation, synthesis of credible evidence in support of claims and arguments.

142 - Creative Writing II - (2 semesters (every other day) .50 credit) GRADES

10-1

Creative Writing II is a writer's workshop class for students interested in composing and sharing their short stories, poetry, narrative nonfiction, and plays. Writing conferences, a class literary magazine, and potential submission to various publications will be included. **Pre-requisite:** Creative Writing

SOCIAL STUDIES

204 - American History II - (5 periods/week - 2 semesters, 1 credit)

This course deals with American History from 1865 to the present. It deals with the rise of industrialism, American expansion overseas, roaring 20's, the Great Depression, World Wars I and II. Various problems on the domestic front are considered and America's role in world affairs is examined.

217 - American History III - (5 periods/week - 2 semesters, 1 credit) GRADES 11-12

American History III is a survey of United States history from 1945 to the present. This course is a study of the political, economic, social, and cultural evolution of the United States since World War II. Topics may include: Korean War, 1960's radicalism, the Cold War, Vietnam, Watergate, Conflicts in the Middle East, and changes in the American Society.

205 - American Government/Law - (5 periods/week - 2 semesters, 1 credit) (GRADE 10-11)

This course is a study of government and politics, including the philosophical and constitutional foundations, governing institutions, political behavior, and major public policy issues. This course also deals with the basic concepts in law and involves a series of case studies.

206 - Western Civilization - (5 periods/week - 2 semesters, 1 credit) GRADES 11-12

This course studies several Western Civilizations, including Egypt, Mesopotamia, Ancient Greece, and Ancient Rome. It also examines Europe during the Medieval and Renaissance periods. The course emphasizes cultural, sociological, and anthropological views of these societies in order to understand the impact of these civilizations on life today.

210 - Economics - (5 periods/week - 2 semesters, 1 credit)

This course is designed to give students a broad introduction to economic concepts and how they can contribute to a better understanding of the world around us. Applied and develops concepts to current economic and social problems and issues. Students also complete an online personal finance course (Banzai). This course is available as a College in High School course through the University of Pittsburgh-Bradford.

218 - Social Psychology - (5 periods/week - 2 semesters, 1 credit) GRADES 11-12

This is a survey course in social science exploring the issues of sociology and psychology. The class examines processes of human interaction and the social influences on individuals and groups. Instruction explores basic concepts of theoretical and practical research perspectives on social and psychological processes and issues such as human development and behavior.

Due to math sequences, all students must meet prerequisites and have teacher recommendation.

307 – Math Excursions - (5 periods/week - 2 semesters, 1 credit) GRADE 11-12

This course is designed to provide exposure to a variety of mathematical ideas. The emphasis is on interesting topics that involve parts of mathematics which are significant to public affairs, and are centered on an assortment of real world examples and applications specifically chosen to illustrate the usefulness, relevance, and beauty of mathematics. Topics will vary and may include but not be limited to basic math skills, algebra, geometry, measurement, and data. This course is designed for students preparing to take entry level tests for specific job requirements.

Prerequisite: Teacher Recommendation

308 - Business Algebra - (5 periods/week - 2 semesters, 1 credit) GRADE 11-12

This course is intended for collegiate liberal arts students or those students who want to explore mathematical applications in business and economics. This course covers mathematical techniques with special applications in business and related areas. **Prerequisite: Algebra II**

310 – Statistics - (5 periods/week – 2 semesters, 1 credit) GRADES 10-12

This is an introductory statistics course and covers methods of summarizing data, descriptive statistics, probability and probability distributions, sampling distributions, the central limit theorem, hypothesis testing, analysis of variance, and regression analysis. Mathematical derivations and formulas are stressed. The use of technology is also stressed. This course is available as a College in High School course through the University of Pittsburgh-Bradford. **Pre-requisite: Algebra II**

331 – Foundations of Algebra - (5 periods/week - 2 semesters, 1 credit) GRADE 9

This course is the first year of a two-part Algebra course. Students will study equations and inequalities, functions, linear functions, and systems of equations and inequalities. **Prerequisite: Pre-algebra and teacher recommendation.**

336-337 Algebra I - (5 periods/week - 2 semesters, 1 credit) GRADES 9-10

This course is the second year of a two-part Algebra course. Students will review the concepts from Algebra I-A in addition to solving systems and equations and inequalities, simplifying expressions using properties of exponents, and quadratics. Upon completion of this course, students will be required to take the Keystone Algebra I exam. **Prerequisite: Foundations of Algebra**

312 - Algebra II - (5 periods/week - 2 semesters, 1 credit) GRADE 9-12

This course is an expansion/continuation of the Algebra I course. Included will be the study of rational and irrational numbers, fractional and negative exponents, polynomials, quadratic functions, rational functions, radical functions, exponential and logarithmic functions, and the solution of word problems. **Prerequisite: Algebra I or Teacher Recommendation**

313 - Accelerated Algebra II* - (5 periods/week - 2 semesters, 1 credit) GRADE 9

This course is an integrated approach to advanced topics in algebra. Included will be the study of linear equations, linear systems, quadratic equations and applications, functional notation, exponents, polynomials, rational functions, radical functions, and exponential and logarithmic functions. This course will offer a more challenging level. **Prerequisite: A or B in Accelerated Algebra I or Teacher Recommendation (weighted beginning with class of 2026)**

314 - Geometry - (5 periods/week - 2 semesters, 1 credit) GRADE 10-12

This course deals with geometric symbols, terminology, and figures. The properties of polygons, parallel and perpendicular lines, and properties of congruency and similarity are used in geometric proofs. Perimeter and area of two-dimensional figures, and volume and surface area of solid figures are explored. Algebraic skills will be exercised in solving geometric based problems. **Prerequisite: Algebra I.**

315 - Accelerated Geometry* - (5 periods/week - 2 semesters, 1 credit) GRADE 10

This course deals with geometric symbols, terminology, and figures. The properties of polygons,

parallel and perpendicular lines, and properties of congruency and similarity are used in geometric proofs. Perimeter and area of two-dimensional figures, and volume and surface area of solid figures are explored. Algebraic skills will be exercised in solving geometric based problems. This course will offer a more challenging level. **Prerequisite: A or B in Accelerated Algebra II or Teacher Recommendation (weighted beginning with class of 2026)**

320 – Pre-Calculus - (5 periods/week - 2 semesters, 1 credit) GRADE 11-12

This is a one year course which is a prerequisite for the calculus sequence. We will study functions and graphs (linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions), analytic trigonometry, and solving systems of two equations in two variables. Students learn graphing skills and techniques which are not only necessary for the calculus sequence but also for other science courses. Students are responsible for all the homework assignments. Please bring a scientific calculator along with the textbook to class every day. **Prerequisite: Algebra II, Geometry.**

319 - Accelerated Pre-Calculus* - (5 periods/week - 2 semesters, 1 credit) GRADE 11

This is a one year course which is a prerequisite for the calculus sequence. We will study functions and graphs (linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions), analytic trigonometry, and solving systems of two equations in two variables. Students learn graphing skills and techniques which are not only necessary for the calculus sequence but also for other science courses. Students are responsible for all the homework assignments. Please bring a scientific calculator along with the textbook to class every day. This course is a college in the high school course through Pitt-Bradford. **Prerequisite: A or B in Accelerated Geometry or Teacher Recommendation (weighted beginning with class of 2026)**

321 – Calculus* - (5 periods/week - 2 semesters, 1 credit) GRADE 12

This is the first course in the basic calculus sequence and is intended for all mathematics, engineering, and science students. We will study limits, continuity, the derivative and integral of functions of a single variable, and their applications. Calculus uses all of the mathematics that you have ever learned and puts it all together. This course will allow you to utilize your knowledge of algebra, geometry, and trigonometry all in one course. We will use technology to help solve problems, experiment, interpret results, and verify conclusions. Part of the aim of this course is to train you to think logically and learn how and when to use the skills you've acquired from previous mathematics courses. This course is available as a college in the high school course through Pitt-Bradford.

Prerequisite: Pre-Calculus and teacher recommendation. (Weighted)

SCIENCE

403 - Biology I - (5 periods/week - 2 semesters, 1.50 credits)

This course is designed for 9th or 10th grade students who have successfully completed previous science courses. Students will explore the basics of biological principles through lab practices and traditional classroom explorations. This course is designed to prepare students to take the Keystone Content Exams at the end of the school year.

404 Life Science- (5 periods/week-2 semesters, 1 credit.

This course explores the basic principles of ecology, cells, genetics, and evolution. Students will learn through a series lab practices, models, and traditional classroom explorations.

This course replaces STS for 9th graders who are not prepared to successfully take Biology one until 10th grade.

405 - Chemistry I* - (5 periods/week - 2 semesters, 1.50 credits)

Chemistry I is a course that introduces students to the basic concepts of chemical behavior. Through discussion and experimentation students will study properties of matter, atomic and molecular structure, chemical reactions and stoichiometry. **Prerequisite: A or B in Algebra II or enrolled in Algebra II with an A or B in Geometry and an A or B in Biology or an A or B in Physical Science. (weighted beginning with class of 2026)**

406 - Chemistry IIA- (5 periods/week-1st semester, 0.5 credit) (Weighted)

This course will deal with an in-depth study of stoichiometry, thermodynamics, bonding, and molecular geometry through experimentation and discussions that will be used to clarify and direct student learning. **Minimum Requirement: a “B” or better in Chemistry I and a “proficient” or higher on the Algebra Keystone, a “B” or better in Physical Science, or Teacher Approval**

406 - Chemistry IIB-(5 periods/week-2nd semester, .5 credits) (Weighted)

This course will deal with an in-depth study of acids and bases, colligative properties, reaction rates, and nuclear chemistry through experimentation and discussions that will be used to clarify and direct student learning. **Minimum Requirement- a “C” or better in Chemistry II A**

410 - Physical Science - (5 periods/week - 2 semesters, 1 credit)

Physical Science consists of two primary areas of study. The first half of the year will examine the basics of Chemistry. Through experiments, group problem solving and classroom discussion; you will examine the chemical and physical properties of matter, the structure of matter, the periodic table of elements, the family of elements, and the various chemical reactions occurring in our natural world. During the second half of the year, you will investigate through experiments and problems concepts dealing with motion, forces, work, power, simple machines, energy, and heat. **Recommended that Algebra I has been taken or currently being taken.**

407 - Physics - (7/8 periods/week - 2 semesters, 1.50 credits) GRADES 11 and 12

Physics is a branch of science that examines the mathematical relationships that exist in the physical world that surround everyone. Physics investigates objects as small as the atom and as large as our universe. This class spends much of its time in laboratory situations and cooperative group problem solving and analysis. Topics that will be investigated are velocity/acceleration, forces, gravity, vectors, two dimensional and periodic motion, work and power, simple machines, kinetic and potential energy, elastic and inelastic collisions, phases of matter, heat, and heat engines. **Prerequisite: C or better in Algebra II, C or better in Trigonometry or concurrently taking Trigonometry. (weighted beginning with class of 2026)**

408 - Earth/Space Science - (5 periods/week - 2 semesters, 1 credit) GRADES 11 and 12

This course will take an in-depth look at the processes that change the Earth's surface. Starting with petrology (the study of rocks and minerals) the students will concentrate on how the Earth has changed over time and how scientists know how and when these changes occur. The students will also study astronomy to find out what is known about the Earth, the Sun, Moon and the formation of the Solar system and Universe. During meteorology the students will study the atmosphere and the factors that affect weather and climate. If time permits, the class will also study the ocean.

409 - Science, Technology, and Society (STS) - (5 periods/week - 2 semesters, 1 credit) GRADES 11 and 12

This course will examine how science, technology, and society has affected our surrounding world. The earth's population can be divided into two categories: human and wildlife. These two populations are affected by the land, water, atmosphere, energy and habitat surrounding them. The course will investigate through classroom discussions, activities, and laboratory experiments the effects on the two populations. Lastly, the course will examine how one can work towards various solutions for these problems.

411-Biology I- (5 periods/week-2 semesters, 1 credit.

This course is designed for 10th grade students who have successfully completed Life Science. Students will explore the basics of biological principles through lab practices and traditional classroom explorations. This course is designed to prepare students to take the Keystone Biology Exam at the end of the school year. **Pre-requisite : Life Science.**

414- Anatomy - (Every other day/year, .50 credit) GRADES 10, 11, or 12

Anatomy is an **ELECTIVE** course designed to give students an opportunity to explore basic human anatomy. In each body system covered, emphasis will be placed on practical application, and function of the organs and organ systems found within the system. **Biology I is a prerequisite for this course.**

421– AP® Biology - 5 periods/ week - 2 semesters, 1.50 credits) (Weighted)

AP® Biology is a full high school academic year of work that is comparable to an introductory level biology course in colleges and universities. Students will cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication,

genetics, information transfer, ecology and interactions. An objective of this course is to prepare students to take the AP Biology exam in May. **Prerequisite: B or better in Chemistry I.**

422 - Applications of Science, Technology, Engineering & Math (STEM) - (every other day – 2 semesters, .50 credit) GRADES 9-12

Students will explore the fundamentals of robotics and engineering design process. In addition to learning valuable engineering skills, students will gain life skills such as teamwork, perseverance, communication, collaboration, project management, and critical thinking. Students will understand and apply concepts of systems (ex. structural, mechanical, cellular, computer coding) in order to solve technological problems by creating physical and/or computer models and experiments through an engineering and design approach. Elements of computer coding through the use of robotics and drones will also be integrated.

515 - Computer Information Processing - (5 periods/week - 2 semesters, 1 credit - everyday) GRADES 9-12

This course expands student knowledge in computer operations, including features of Google Drive, with a variety of business applications. These applications include but are not limited to word processing, spreadsheets, creating database management. The integration of all the software programs learned will be applied for everyday use. **NOT OFFERED 2025-26 SCHOOL YEAR.**

518 - Desktop Publishing I - (5 periods/week - 2 semesters, 1 credit) GRADES 9-12

Using Desktop Publishing software, students will learn graphic design tools to display text and graphics on attractive posters, flyers, menus and newsletters. They will also learn to run text around graphics and create column and multiple pages by using correct line spacing, typeface and font size. **NOT OFFERED 2025-26 SCHOOL YEAR.**

519 - Desktop Publishing II - (5 periods/week - 2 semesters, 1 credit) GRADES 10-12

Desktop Publishing II is strictly a computer production course. This course is designed for producing school programs. Students will also produce promotional brochures, pamphlets, newsletters and photo calendars using a desktop publishing software program. This course is intended for the creative student. **Pre-requisite - Must have a C or better in Desktop Publishing I. NOT OFFERED 2025-26 SCHOOL YEAR.**

524 - Accounting I - (5 periods/week - 2 semesters, 1 credit) GRADES 9-12

This course provides students with the basic skills needed to control the financial operations of a business. Basic accounting theory and applications are presented throughout the course for the operation of sole-proprietorships, partnerships and corporations. Business simulations and hands-on computer applications give students the exposure to how a business really operates. Students who enroll in this course should plan to enter college in the business field, be entrepreneurs or want to gain a general understanding of how to keep accounting records for a business.

525 - Accounting II - (5 periods/week - 2 semesters, 1 credit) GRADES 10-12

Accounting II reinforces the concepts presented in Accounting I and introduces advanced theories and concepts related to uncollectible accounts, inventory and depreciation methods, deferrals and accruals and management decision making. Business simulations and hands-on computer operations are used to further acquaint the students with real-world business applications. This course is available as a College in High School course through the University of Pittsburgh-Bradford. **Prerequisite: Accounting I with grade of a C or better.**

522 - Marketing and Small Business Management - (5 periods/week - 2 semesters, 1 credit) GRADES 10-12

This course is designed to give students an understanding of business practice. Developing a business, financial planning, and basic marketing techniques will be learned. Students will have the opportunity to develop, design, and market their own product. Computers will be utilized to enhance instructional materials. Students will be responsible for designing, purchasing and marketing school merchandise and supplies, and operating the School Store. **NOT OFFERED 2025-26 SCHOOL YEAR.**

527 – Yearbook - (5 periods/week, .5 credit – every other day) GRADES 10-12

This course is responsible for creating the North Clarion Yearbook. Students will earn the basics of digital photography, page layout and design and picture manipulation. Students must be open to suggestions and work together as a team. Students will also be required to cover evening and/or weekend activities and work on the yearbook outside of regular class time including, but not limited to, study halls and after school. Class size limit: 10. Prerequisite: Application and recommendation from the Yearbook instructor.

533 – Personal Finance - (5 periods/week - 2 semesters, 1 credit) GRADES 11-12

This course is a graduation requirement. Students will take this course during either their Sophomore, Junior or Senior year. This course can be used as a substitute for a Math, Social Studies, or Business class. This course integrates state-required Career/Work Standards as well as Business Standards. Students will develop an understanding of financial concepts including budgets and pay statements (charitable contributions, expenses, gross pay, net pay, savings, taxes). Students will understand financial goal setting including concepts of interest rates, loan agreements, assets, investments, identity theft, and credit history. Through this course, students will analyze entrepreneurship as it relates to career opportunities and personal traits. Students will learn about characteristics of a business plan and develop a business plan for an entrepreneurial concept of personal interest.

534 - Principles of Computer Science - (5 periods/week - 2 semesters, 1 credit) Grades 9-10

Computer Science Discoveries is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun.

535 - Digital Media I - (5 periods/week - 2 semesters, 1 credit) Grades 9-12

This course is designed to educate students on the elements of graphic design utilizing Adobe software as well as online resources to develop various projects.

536 - Digital Media II - (5 periods/week - 2 semesters, 1 credit) Grades 10-12

This course will expand on the concepts learned in Digital Media I, and will introduce more of the Adobe software suite. Throughout the course, learners are expected to work autonomously (independent learning), managing their projects from concept to completion. Self-motivation, time management, and problem-solving will be key to success, as students will be encouraged to take ownership of their learning, make creative decisions, and refine their design portfolios. **Prerequisite: Digital Media I.**

FOREIGN LANGUAGES

600 - Spanish I - (5 periods/week - 2 semesters, 1 credit)

This course introduces students to the basic language skills of reading, listening, writing, and speaking. Students learn to compare and appreciate different cultures studied.

601 - Spanish II - (5 periods/week - 2 semesters, 1 credit)

Students acquire more vocabulary and grammatical skills of the target language. Pronunciation patterns and intonation are refined. The four basic skills of language learning are expanded upon and knowledge of the target culture(s) is broadened. Class will be conducted using more of the target language than in level one.

Prerequisite: Completion of Spanish I with a grade of 70% or better.

602 - Spanish III - (5 periods/week - 2 semesters, 1 credit)

This course provides the students with an opportunity to review and practice the language skills previously acquired. Also, new and more complex linguistic structures are introduced, allowing students to communicate more freely in the target language. They will begin to read and analyze literature of medium difficulty in the target language. The conversational approach of language learning is stressed and cultural connections are enhanced through meaningful classroom discussions. The majority of the class will be conducted in the target language.

Prerequisite: Completion of Spanish I and II with a grade of 75% or better.

603 - Spanish IV - (5 periods/week - 2 semesters, 1 credit)

This course focuses on the development of advanced language skills in listening, speaking, reading, and writing. Emphasis is on oral proficiency and composition. In addition, reading skills and vocabulary are broadened through supplemental literature. Classes are conducted in the target language and students are required to respond in the target language. This course is available as a College in High School course through the University of Pittsburgh-Bradford. **Prerequisite: Completion of Spanish I, II, and III with a grade of 85% or better, or teacher approval.**

604 - French I - (5 periods/week - 2 semesters, 1 credit)

This course introduces students to the basic language skills of reading, listening, writing, and speaking. Students learn to compare and appreciate different cultures studied.

605 - French II - (5 periods/week - 2 semesters, 1 credit)

Students acquire more vocabulary and grammatical skills of the target language. Pronunciation patterns and intonation are refined. The four basic skills of language learning are expanded upon and knowledge of the target culture(s) is broadened. Class will be conducted using more of the target language than in level one.

Prerequisite: Completion of French I with a grade of 70% or better.

ART

787 - Drawing / Painting I - (5 periods/week - 2 semesters, 1 credit) Grades 9-12

Students will work with graphite, chalk and oil pastel, watercolor, acrylic paint, and other media on a variety of

grounds/surfaces, such as drawing paper, wooden canvases, painting paper, and scratch art paper. Lessons in art history will be incorporated throughout the course with an emphasis on world-renowned historical and contemporary artists from Pennsylvania. This course will provide a comprehensive introduction to the art of drawing. The coursework will follow a sequence of studies that explores drawing and observation techniques, media, theory, art criticism, and principles of composition through visual perception and analysis.

788 - Drawing / Painting II - (5 periods/week - 2 semesters, 1 credit) Grades 10-12

This advanced art course will build upon skills learned in Drawing/Painting I. Students will receive guided instruction as they begin to explore new media and more complex techniques and artistic concepts in their work, such as reverse drawing, work with conceptual symbolism, meaningful portrait painting, and unique combinations of mixed media. Students will deepen their understanding of the principles of composition through visual perception and analysis. Artistic research and planning will be emphasized as students work to develop their unique art portfolios throughout the year.

789 - 3D / Sculpture I - (5 periods/week - 2 semesters, 1 credit) Grades 9-12

This intermediate course will continue to build on the knowledge gained in beginning art classes. The class will increase students' understanding of why artists create. Students will further develop skills in additive, subtractive, and assemblage sculpture, and visual problems solving. Students will broaden their visual art and descriptive vocabularies as they pertain to three dimensional works. Through individual and group inquiry and art creation students will increase their knowledge of sculpture media and techniques, art history, visual culture and the value of art in our society.

790 - 3D / Sculpture II - (5 periods/week - 2 semesters, 1 credit) Grades 10-12

Students must get a recommendation from the instructor to be placed in this class based on ability and work ethic. This class will build upon skills learned in 3D / Sculpture I. Students will work more independently alongside the guidance of the instructor. Students will further develop skills in additive, subtractive, and assemblage sculpture, and visual problems solving.

798 - Drawing / Painting III/IV - (5 periods/week - 2 semesters, 1 credit) Grades 11-126

These advanced Drawing/Painting courses are designed for those who wish to concentrate in specialized areas of artistic interest. A high degree of planning and responsibility for developing original ideas, executing visual problem solving, and the fine tuning of artistic skills will be stressed. Students will learn how to create a professional display with a polished artist's statement explaining the student's work and will be encouraged to take advantage of opportunities to display their work in public settings. The development of a diverse, meaningful, and accomplished art portfolio will be emphasized.

MUSIC

770/771- Senior High Chorus - (5 periods/week or every other day- 2 semesters, .50 or 1 credit) Gr. 9-12

A wide variety of vocal literature representing different genres and cultures will be studied and performed. Movement, dance, and drama will be applied to performances where appropriate. Emphasis will be placed on creating, performing, responding to, and understanding music. No prerequisites required – highly recommended for students interested in theater, dance, vocal, and instrumental music. This course is a pre-requisite for attending County and District Chorus.

755/754 - Band - (up to 5 periods/week - 2 semesters, 1 credit; or .50 credit if taken every other day) Gr. 9-12

This course is designed to develop the student's aesthetic sensitivity, which is the intellectual and emotional response to music. Great attention is paid to developing the basic skills necessary to become a competent musician such as proper breathing, instrument technique, and possession of a detailed knowledge of the fundamentals of music. This is accomplished through the concert band performance medium and weekly small group lessons. Quality concert band literature ranging from the Baroque, Classical, Romantic, and Contemporary eras is used to teach concepts and percepts that are vital to an aesthetic musical experience. Students are expected to demonstrate knowledge gained through a live performance where they are able to express themselves, and share their aesthetic experience with others.

INDUSTRIAL ARTS

852 - Industrial Arts Survey - (5 periods/week - 2 semesters, 1 credit)

The student will embark on a project-based exploration of wood fabrication, metal fabrication and an

introduction to computer assisted drafting. For each project, students will complete a blueprint, develop a materials list, complete a cost estimation, and construct the final project. A semester will be spent on metal fabrication and a semester on wood fabrication.

853 – Advanced Industrial Arts Survey - (5 periods/week - 2 semesters, 1 credit)

This course offers the student the opportunity for a more detailed “advanced” study of wood and fabrication. Students will use the Computer Aided Drafting Program (CAD KEY) to produce formal plans to be followed in the construction of subsequent projects. All projects must meet prior approval of the instructor to assure a challenging learning experience before any design efforts begins. Review and testing of safety issues will be a pre-cursor to any hands on project work. Although completion of the Mechanical CAD course is not a pre-requisite, experience in this area would be extremely helpful to the student. **Pre-requisite: B or better in Industrial Arts Survey and teacher recommendation. Students must get approval from instructor to be placed in this class. Criteria is based upon grades, skill, and work ethic.**

PHYSICAL EDUCATION

906 - 9-12 Physical Education - (every other day - 2 semesters, .50 credit)

The students activities include flag football, soccer, volleyball, kickball, wiffleball, hockey, griffball, speedball, gatorball, archery, ultimate sports, disc golf, dball, lacrosse, and basketball. Students will also participate in the weight room and the fitness room. Students must achieve a 75% or higher to receive a passing grade for this course. Anything earned below a 75% receives a failing grade.

HEALTH EDUCATION

905 - Health - (every other day - 2 semesters, .50 credit) GRADE 9

This course includes units on bones, muscles, reproductive system, STD's/AIDS, communicable diseases, cancer, heart disease, alcohol, tobacco, drugs, and nutrition.

ADDITIONAL OPPORTUNITIES

970/971 - INTEGRATED ACADEMIC STUDIES - (every other day - 2 semesters, .25 credit each semester)

This course is offered for students in grades 9 through 12 who are interested in competing in the Academic Decathlon. Students will engage in research projects designed to enhance study skills and academic success. The content of the course will be determined by the current United States Academic Decathlon theme, which spans 10 disciplines. Each year the change in theme results in a new curriculum. Grading will be on a pass/fail basis. In addition to the material studied in class, students should attend weekly after school meetings and are eligible to qualify for the competitions. Topics studied throughout the year include math, science, art, music, literature, economics, social science, speech, interview, and essay.

CLARION COUNTY CAREER CENTER

55 - Cooperative Vocational Education

Cooperative education or “co-op” is a method of training that combines vocational instruction with the real world, on-the-job experience. Qualified seniors may spend one-half day, or its equivalent, on the job. The co-op coordinator will assist the student in finding a job. Students must maintain acceptable grades at their sending school, have good attendance, and provide their own transportation to and from the work site. The student gains valuable experience, improved work ethics, and a paycheck. (You must have at least a 75% in all classes at each interim and at the end of each nine-week grading period to continue in co-op.)

60 - Allied Health Science - (5 half days/week - 2 semesters, 3 credits)

Successful graduates of Allied Health can acquire entry-level jobs as patient care aides, home health aides, and therapy aides. Students may return after graduation for a certified nursing assistant course

free of charge. As students meet the required academic courses necessary for the pursuit of a health career, they are also learning a variety of hands-on healthcare skills.

61 - Automotive Technology - (5 half days/week - 2 semesters, 3 credits)

Students enrolled in this program will learn the basic fundamentals of today's high tech automobile. The students can gain high level knowledge needed to become an ASE certified technician and/or PA State licensed inspection mechanic. Successful completers of the program will have the skills to become an entry-level auto technician.

63 - Construction Technology - (5 half days/week - 2 semesters, 3 credits)

Students receive training in all aspects of the construction trades. Students will learn skills and theory in the carpentry, electrical, plumbing, masonry fields and the International Residential Code (IRC). As a student in Construction, you can expect to participate in the construction of many "hands-on" projects including a complete modular home.

64 - Cosmetology Styling Academy - (5 half days/week - 2 semesters, 3 credits)

The Cosmetology course provides the skills required to become a state licensed Cosmetologist. Classroom instruction and clinical experience ensure the training need to perform tasks used in today's ever-changing cosmetology industry.

65 - Culinary Arts & Hospitality - (5 half days/week - 2 semesters, 3 credits)

Students in this program can prepare themselves with the training necessary for entry-level jobs in the food service industry. Some of the skills learned are: commercial food preparation and service, sanitation, inventory control, knife skills, weighing, measuring, cake decorating, commercial kitchen equipment operation and baking skills.

66 - Diesel Technology - (5 half days/week - 2 semesters, 3 credits)

Diesel is an eight unit instructional program designed to prepare students for entry-level job placement or advanced course offerings at several technical or community colleges. Some of the learned skills are: diesel engine rebuilding, electronic engine controls, drive components, air conditioning, brakes, and steering.

67 - Police Science - (5 half days/week - 2 semesters, 3 credits)

This program prepares students for a variety of exciting careers in public safety. Through the three-year program, students are taught common police investigation techniques, private security concepts, emergency dispatch procedures, advanced emergency medical skills, crime scene investigations and the criminal justice system.

68 - Welding and Fabrication - (5 days/week - 2 semesters, 3 credits)

With state-of-the-art facilities, the Welding & Fabrication skill development area provides the students with the opportunity to learn welding and fabrication techniques. The demand for welders in this region is very high! Some skills learned are: oxy-acetylene cutting, brazing, stick welding, MIC welding, TIG welding and plasma cutting.

69 - Computer/Networking/Information Systems - (5 half days/week - 2 semesters, 3 credits)

Students who enroll in will have the opportunity to obtain basic computer and networking fundamental skills, all the way to industry skill certification. Great hands-on experience trouble-shooting plus repairing computer and networking related issues, the students receive the industry "how-to" and knowledge to handle common and uncommon situations.

PROCEDURAL REQUIREMENTS

1. Each student must prepare the registration form filling in all information as requested.
2. Students must take a minimum of **6.50 credits** that result in no more than ten (10) studyhalls per week.

3. A parent or guardian is to sign the registration form.
4. All registration forms are to be returned to homeroom teachers **one week after the orientation program**.
5. The guidance counselor shall review registration forms and make arrangements to conference with students to resolve questions and inappropriate requests.
6. Consideration for adding or dropping a course shall be accomplished by arranging a meeting with the guidance counselor.
7. No changes will be made after five (5) days of the new school year except under the following conditions:
 - a. An error in scheduling was made.
 - b. The physical health of the student becomes unsatisfactory and a drop is required. It will be shown as a "W" (withdrawal) on the transcript. A written statement from a physician will be necessary in this situation.
 - c. The student is not willing to remain in a scheduled elective course after five (5) school days. The student may drop the course with a failing grade for the course being recorded on the transcript. This drop will be possible only if the student can still meet the minimum number of classes per week and requires a written request signed by the parents.
8. Students are encouraged to utilize this Course Selection Guide, teacher input, parental suggestions and the guidance counselor's recommendation when selecting courses.

SUPPORT SERVICES

- **AFTER SCHOOL TUTORING** – Students stay until 3:15 with teacher.
- **GIFTED SERVICES** – Advanced studies for qualified students
- **SPECIAL EDUCATION SERVICES** – Academic services for qualified students
- **GUIDANCE** - Students who are having a problem or a concern about their educational, emotional, physical, mental or social growth can go directly to the school counselor and request help. All students can feel comfortable in seeking advice from a teacher, counselor, nurse, or principal. Our main concern is your growth and your ability to cope with change.