

JERSEY SHORE AREA SENIOR HIGH SCHOOL

2022-2023

9th Grade

Pathways Course Catalog

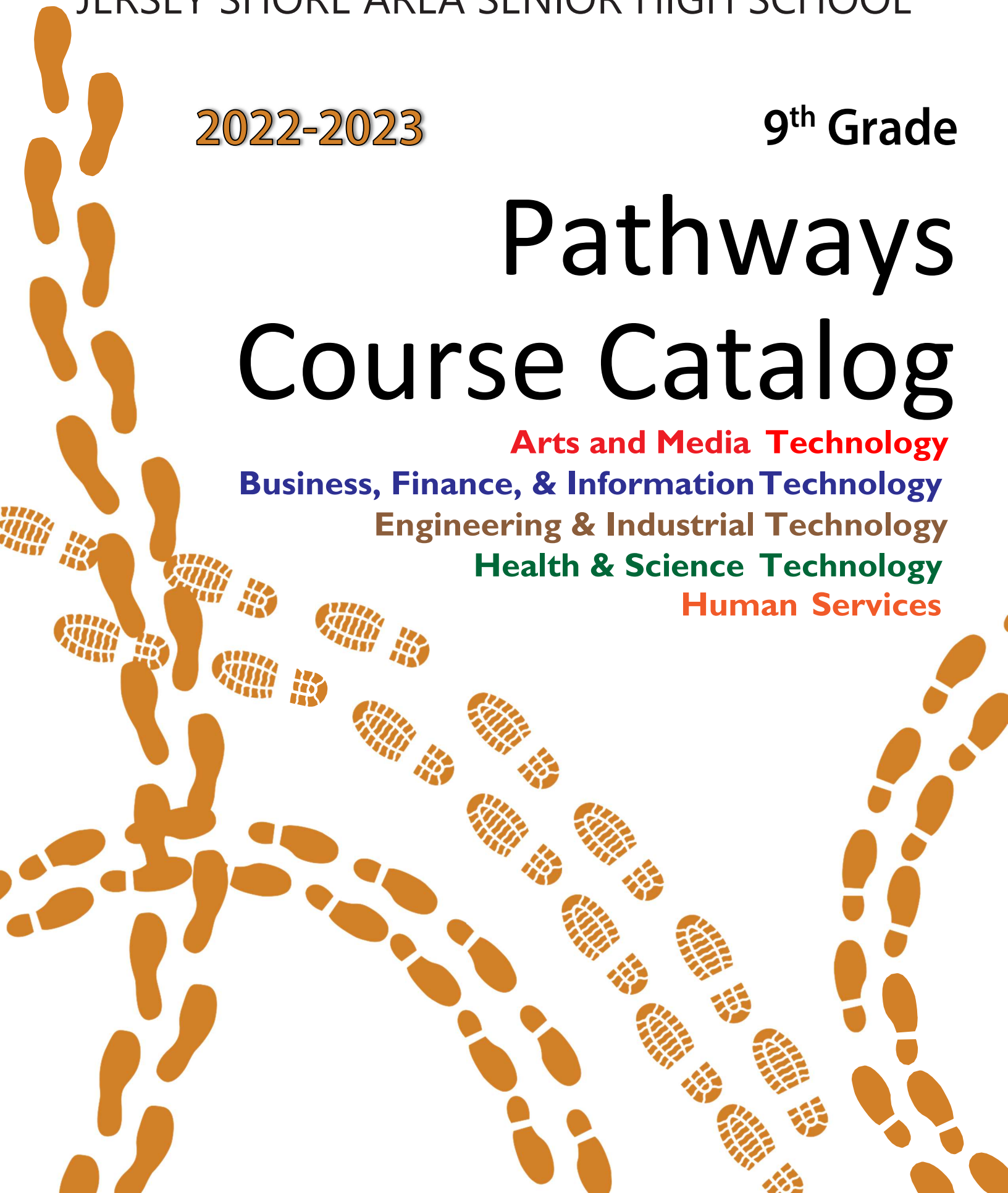
Arts and Media Technology

Business, Finance, & Information Technology

Engineering & Industrial Technology

Health & Science Technology

Human Services



Compliance Statement

It is the policy of the Jersey Shore Area School District not to discriminate on the basis of race, sex, religion, color, national origin, age, handicap or limited English proficiency in its educational programs, services, facilities, activities or employment policies as required by Title IX of the 1972 Educational Amendments, Title VI and VII of the Civil Rights Act of 1964, as amended, Section 504 Regulations of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, Section 204 Regulations of the 1984 Carl D. Perkins Act or any applicable federal statute.

For information regarding programs, services, activities, and facilities that are accessible to and usable by handicapped persons or for inquiries regarding civil rights compliance, contact: Jersey Shore Area School District, 75 A&P Drive, Jersey Shore, PA 17740, 570- 398-1561; or the Director of the Office of Civil Rights, Department of Health, Education and Welfare, Washington, D.C.

FOREWORD

This catalog is presented by the entire staff of Jersey Shore Area Senior High School (JSASHS) as a source of information regarding the courses of study. A course description for each subject has been written so that the students will be aware of the material to be covered in each class. The courses listed in this guide are tentative offerings for the **2022 – 2023 school year**. A course will be offered **only if** enough students request it.

Before attempting to make course selections, the students and parents should carefully read the material found in this guide. Special attention should be given to the **requirements for graduation** which are as follows:

1. The subjects in which the required credits are earned will depend upon the course of study chosen.
2. Accumulation of **twenty-seven and a half (27.0)** credits in grades nine (9) through twelve (12).
3. Completing all state requirements in accordance with ACT 158.
4. Each student must participate in and pass certain required subjects.

Requirements for each grade level are as follows:

- 0 – 5.75 credits Freshman Status
- 6 – 12.75 credits Sophomore Status
- 13 – 18.75 credits Junior Status
- 19 + credits Senior Status

Course of Study

Content Areas	Credit Requirements	
	Career Ready Four (4) Year College	Career Ready Two (2) Year College or Workforce
English	4.0	4.0
Mathematics	4.0	4.0
Science	4.0	3.0 or 4.0
Social Studies	4.0	3.0 or 4.0
Physical Education	2.0	2.0
Computer Education <i>*Computer Applications (0.5)</i> <i>*Personal / Business Finance (0.5)</i>	1.0	1.0
Pathway Elective Education <i>*Art – Music – Family Consumer Science (0.5)</i> <i>*Technology Ed - CTE (0.5)</i>	1.0	1.0
Health Education	0.5	0.5
Career and Technical Education Courses – Pathway Elective Courses – General Elective Courses	6.5	7.5 or 8.5
Total Credits	27.0	27.0

SELECTION/SCHEDULING OF COURSES

Students are to have a complete schedule prior to the start of school. Students are encouraged to register for a full eight period day. Once the school year begins, students may add classes if there is a free period during the day. **Requests to change a schedule after the start of the year and will be limited to those students seeking to advance their schedule.** Consideration will also be given to schedule changes to better support the completion of a specified Pathway to fulfill college-career readiness requirements. Students and parents are encouraged to review the Pathway Guide that outlines the tracks of study at the high school. Each pathway includes specific, required classes and identified electives. To aide in the scheduling process students should identify and follow a pathway to graduation.

WITHDRAW/FAIL

Any student/parent who elects to be removed from a class for any reason beyond seeking to advance a schedule will receive a grade of a withdraw fail (WF) on the high school transcript.

INTERVENTIONS

Jersey Shore High School offers a variety of tiered interventions to support students. Academic support to students is offered by teachers during the SHORE period. School personnel also evaluate needs of students throughout the academic year and work to develop plans to fit the needs of the student(s). Targeted remediation and tutoring programs are conducted when the schedule allows. We encourage students and/or families to reach out to teachers and the guidance office regarding tiered supports for students.

DUAL ENROLLMENT

A number of our classes are dual enrollment classes in conjunction with Pennsylvania College of Technology (PCT) and Lackawanna Community College (LCC). These courses create an official college transcript for the class(es) in addition to being identified on your high school transcript. Due to an agreement between PCT and the JSASD there is no cost to take PCT courses. There is a \$100 per credit tuition costs for all Lackawanna Community College courses. Additional student costs may include the expense for textbooks which will vary from \$0 - \$200 depending on the course for both PCT and LCC. Course marked with ♦♦ identify the course as a dual enrollment.

Administrative Team's Message

Dear Students and Parents:

Welcome to the beginning processes for the 2022-23 school year. Selection of classes is your first step towards the next school year. While some classes are mandated and required towards graduation, others are electives and enrollment is voluntary. Regardless of whether required or elective, we encourage you to read this material carefully and select those classes or level of classes that will both challenge and prepare you.

Our goals for you are both simple and lofty: to prepare you after high school for employment, entry into the Armed Forces, or additional education. Regardless of the path you choose, we want you to be prepared so that you have a choice. If employment is your immediate plan, we want you to have skills and attitudes that will make you employable at more than minimum wage, or to score well enough on the ASVAB that the military will train you in an advanced area, or to be admitted to the college or university of your choice.

Based upon the courses and classes selected by our students, we build a master schedule. The number of sections offered, staffing patterns, and room usage all depend on the number of students requesting a particular course. We encourage you to give careful consideration to your requests. *The minimum number of classes we require is seven credits, including physical education.* This is your opportunity to challenge and prepare yourself for your future.

Sincerely,

Steven Keen, Principal
Elizabeth Segraves, Assistant Principal

Message from the Counselors

Jersey Shore High School offers a variety of programs to develop necessary skills for success after graduation. It is important to make appropriate decisions as early as possible based upon your interests and goals. You are making choices and decisions about your life so consider what it is you like and where you want to be in ten years.

Selecting courses is an important matter. Using guidance from others – **parents, friends, teachers and counselors** – can be helpful, but remember that the decisions that are right for someone else may not be appropriate for you. Make choices based on your future goals and needs. Your high school program should be planned with your post-high school objectives in mind; employment, advanced training, the military, education and/or use of leisure time.

Your counselor will meet with you individual to help you make a decision as to which pathway is right for you. It is important that you take time to review the course offerings before scheduling so you are aware of the required courses for a pathway as well as available electives.

We hope our efforts in preparing this guide will assist you in making wise choices when selecting courses. Have an enjoyable and rewarding year.

High School Counselors:

Mrs. Mallory Myers – Grade 9
Mrs. Holly Barto – Grades 10-12 A - L
Mrs. Katie Steppe – Grade 10-12 M-Z
& CTE

Curriculum Guide – Course Descriptions

Art

7000 Introduction to Art *Grade 9* .50 credit

Introduction to art is designed to give students a broad experience in two dimensional and three dimensional art. Students will learn and use the elements and principles of art in a variety of media (paint, pastel, colored pencil, plaster, etc.). Assignments are designed to challenge, exercise creative muscle, and broaden artistic experience. This class will give students an excellent foundation for continuing their education in the art industry or communication technology pathway. All projects must be completed in order to receive credit for this course.

7101 Learning to Draw *Grade 9-12* .50 credit

Anyone can learn how to draw. With practice and a desire to learn, students who have no drawing skills can become excellent artists. This is an introductory course on drawing. Students will start from very basic techniques and applications advancing slowly and methodically to more advanced methods. They will work from nature, still life and people in a variety of media; exploring qualities of line, texture, light and space. All grade levels are allowed to sign up for this class. All projects must be completed in order to receive credit for this course.

7135 Sculpture *Grade 9-12* .50 credit

Students will create a wide range of sculptures using various materials, tools and techniques. Clay sculpting will be a large part of the class and will supplement any pottery classes that students may take. Materials will range from clay, wood, stone, plaster, and drywall. All projects must be completed in order to receive credit for this course.

7160 Commercial Art *Grade 9-12* .50 credit

In this course students use fine art and design skills to create and communicate in various areas of commercial design. This may include product design, storyboards and illustrations, fashion design, and interior design. Students will explore the creative planning involved in creating commercial concepts/ This course will give students an excellent foundation of skills to continue their education in the arts and communications technology pathway. All projects must be completed in order to receive credit for this class.

Business, Finance and Information Technologies

Business, Finance and Information Technologies is a path to a successful career. The demand for persons with business skills is constantly growing, especially in the accounting/finance, marketing, administrative assistant, and technology-related fields. Business and Computer Technologies allow students to do the following: (1) develop life skills needed by all consumers; (2) prepare for both college, employment, and personal finances; (3) acquire lifelong skills and habits to apply to a career; (4) broaden life-long work and study options; (5) pretest career interests before going to college; and (6) provide an opportunity to apply academic content. The courses offered by the Business and Computer Technologies Department are designed to provide the skills and competencies that will be used in a variety of careers as well as student's personal lives. *Any student may elect business courses.*

0042/4210 Introduction to Business

Grade 9-12 1.0 credit

This course is highly recommended to all students! The course is designed as an introduction to some of the business courses offered at the high school. Students can use this course to help them find a possible career or interest area. This is a good course for those who will enter any field of business, and for everyone else who will ever have to make decisions involving money. Considerable time will also be spent in the microcomputer lab using software to supplement the regular classroom instruction. "Intro" can make the difference in your future.

4450 Computer Applications/REQUIRED COURSE

Grade 9 .50 credit

Computer Applications is a course that teaches students how to create, edit, and format word processing, spreadsheet, and presentation files using Microsoft Office. There is a strong focus on careers and the students will take the ASVAB diagnostic test (when available) or other career assessments to better understand career options. Introduction to the Internet and its research capabilities will be presented. Students must also complete a resume, a letter of application, other job-related materials, and digital citizenship topics.

Career and Technical Education Programs

In today's challenging job environment, it is more critical than ever before that our young people complete their high school education with strong academic and technical skills that prepare them for college-level studies and successful careers. We believe this foundation will allow students to succeed personally and also make a valuable contribution to an innovative and competitive Pennsylvania economy. Building this foundation is what Career and Technical Education (CTE) is all about. CTE programs at Jersey Shore Area Senior High School (JSASH) are designed to meet a dual mission -- developing students with College Readiness skills AND a Career Path. CTE is no longer an either/or choice, but a "BOTH/AND" opportunity for student success.

9026 Introduction to Human Services Grade 9 .50 credit

This class is good for anyone who wants to help others or explore careers in the human service field. If you are interested in teaching or the Child Care CTE program you should take this course. Students will study childhood development and age-related milestones. Students will participate in some community service projects to help others. The students will explore their own skills and interests and develop their own individual career plan. This course also focuses on soft skills and helps students develop the organizational and communications skills they need in this type of work.

8114 Health Occupations Grade 9 .50 credit

The Health Occupations course will enable students to engage in a more thorough understanding of the various occupations available in the Health field. Students will be provided information on: job descriptions, job responsibilities, including the negative and positive aspects of the jobs, training and educational requirements, salary/benefits, working environments, advancement opportunities, job security and retirement incentives through instruction, research and personal experiences with guest speakers. The course is an excellent way for students to become better prepared for making career decisions in Health related fields.

6550 Family and Consumer Science Grade 9-10 .50 credit

This elective course is meant to help students develop a basic understanding of financial and resource management for independent living. They will improve their skills in a manner that will help to maintain a healthy lifestyle that balances work, family, and community responsibility. Such topics as food science & nutrition, child development, family functions, communication skills, and consumer rights and responsibilities will be incorporated into the course.

9620 Introduction to Baking and Pastries Grade 9-10 .50 credit

This elective is for anyone interested in pursuing a career in Baking and Pastry Arts or Culinary Arts. This course will introduce the fundamentals used in the bakeshop. In addition, a better understanding of food terminology and advanced cooking will be mastered. The student will learn various techniques including bread baking, cookie making, sweet dough production, and much

6021 Multimedia Design Grade 9-10 .50 credit

This course gives students the opportunity to explore different methods of communication through digital media formats. Students will use computers to create and edit their own original works of art. This course provides a hands-on, project based environment covering topics such as digital photography, advertising, graphic design, animation, and video production. Students will study various aspects of the design process such as layout design, planning procedures, thumbnail sketches, typography, and color theory. Students will be introduced to basic camera composition concepts and learn how to edit photographs and videos. Each project is designed to develop problem solving skills, encourage project-oriented research, and self-reflection.

Pathway Rotation**Grade 9****1.0 credit**

This course is the gateway class for the Career and Technical Education (CTE) Engineering and Industrial Trades-Technologies Pathway: Industrial Technologies is a four (4) part rotation course consisting of Automotive Technology, Construction Trades, Electronics, and Manufacturing programs. Students will learn basic skills in electrical, programming, engines, prints, schematics, measurements, basic tools, units, welding, and machinery. This course provides the fundamental foundation skills necessary for the various CTE programs.

Pathway Options**0047****Automotive Technology Exploration****Grade 9****.25 credit**

This course is the gateway class for the Career and Technical Education (CTE) or Automotive Technology Pathway: Students will learn and explore internal combustion engines, braking system, tire repair as well as basic hand tool usage. Students will focus on the fundamental skills necessary to explore Automotive Technology. This course could be taken with other exploratory .25 credit courses from the following programs: Networking, Drafting and Design, Construction, Manufacturing, Building & Maintenance, and Communications.

0048**Building Maintenance Exploration****Grade 9****.25 credit**

Students will be introduced to various skills and tasks which are necessary to work in the field of Building Maintenance and property care. The students will experience the use of available hand tools, machinery and operations. This course will serve as a foundation course for students who are interested in the Building Maintenance pathway. This course could be taken with other exploratory .25 credit courses from the following programs: Networking, Automotive, Construction, Manufacturing, Drafting and Design.

0050**Computer Systems & Networking Exploration****Grade 9****.25 Credits**

This course is the gateway class for the Career and Technical Education (CTE) or Computer Systems Networking and Telecommunications Pathway: Students will learn and explore Personal Computer Hardware, Operation Systems & Applications, Networking Technologies for Home and Business Settings, and Basic Programming Fundamentals. Students will focus on the fundamental skills necessary to explore careers in Computer Support, Programming, and Networking. This course could be taken with other exploratory .25 credit courses from the following programs: Drafting and Design, Automotive, Construction, Manufacturing, Building & Maintenance.

0051**Construction Exploration****Grade 9****.25 credit**

This course is the gateway class for the Career and Technical Education (CTE) Construction Technology: Students enrolled in this course will learn layout and measuring, safe hand and power tool use, and assembling projects in the Construction lab. Projects will include but not limited to tables, benches, toolboxes and more. Students may take home completed projects. This course could be taken with other exploratory .25 credit courses from the following programs: Networking, Automotive, Drafting and Design, Manufacturing, Building & Maintenance.

0052 Manufacturing Engineering Exploration***Grade 9* .25 credit**

This course is the gateway class for the Career and Technical Education (CTE) or Manufacturing Engineering Pathway: Students will learn and explore CADD (Computer Aided Drawing & Design), 3D Printing, Welding, Sheet Metal Fabrication and CNC (Computer Numeric Control) applications. Students will focus on the fundamental skills necessary to explore Manufacturing Engineering. This course could be taken with other exploratory .25 credit courses from the following programs: Networking, Automotive, Construction, Drafting and Design, Building & Maintenance.

English

Students are required to earn a minimum of four (4) English credits for graduation, pass the English 9 course, score proficient or advanced on the Keystone Literature Exam and, pass the Public Speaking/ Research course in order to graduate. Students who do not pass the Keystone Exam will be required to take the Keystone English course in 10th Grade. Students must take at least .50 credits in English their senior year.

Career or College Pathway-English

(Workforce, technical, 2 year associates degree 4 year college degree pathway)

0120	English 9	Grade 9	1.0 credit
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The required course of study includes a variety of literature including Shakespeare's *Romeo and Juliet*, Homer's *The Odyssey* as well as a number of novels, short stories, and poems. The course is designed to prepare students to take the Keystone Exam in May. Research and documentation methods are crucial components of the course in ninth grade English. Students will master benchmark research skills. Word studies are conducted as well as taking words in context from literature. This course will prepare students to take the Keystone Literature Exam which will be taken in May of the freshman year.

Honors Pathway-English

(4 year college degree pathway)

0130	English Honors 1	Grade 9	1.0 credit
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The course of study includes a variety of literature similar to that of English 9 Academic. A study of the history of the background of the author and period is included to provide insight into the piece of literature. Grammar is taught in correlation with writing and vocabulary. Sentence structure and more advanced grammar concepts are fine-tuned from basic knowledge. Particular writing methods are taught, including formal research, expository, comparison and contrast, and persuasive. Developmental vocabulary is continued through vocabulary texts, context of literature, and word lists that accompany pieces of literature. Independent reading and Study Island are used to enhance standardized test scores. Research skills are taught and applied to a research unit. This course will prepare students to take the Keystone Literature Exam, which is required of all students in the 2017 graduation class and beyond.

The Following Elective Courses Will NOT Count for English Credit

0500	Journalism	Grade 9-12	1.0 credit
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The chief activity in the course is the production of the school newspaper, The Paw Print. Students will learn skills in reporting, interviewing, writing the article, editing, making layouts, and using desktop publishing software on the computer. Methods of the modern daily newsroom are simulated. Enthusiastic journalists are invited to provide the editorial leadership for the production staff. Students may repeat the course the following year. **This is an elective credit not an English credit.**

Mathematics

Upon completion of 8th grade, all students will need to choose a math pathway for the high school. A score of Proficient or Advanced on the Keystone Algebra 1 exam in 8th grade is a recommended prerequisite for the Honors Pathway.

Career or Academic Pathway-Mathematics

(Workforce, technical or 2 year associates degree pathway)

With teacher recommendation

2120	Career Algebra 1	<i>Grade 9</i>	1.0 credit
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The study of Algebra lays the foundation for mathematics, sciences, and technical courses a student will be taking in the future. Students learn to express relationships verbally, pictorially, graphically, and symbolically. Equations are solved graphically prior to solving them symbolically. Emphasis is on connections to the real world and to various mathematical strands. Geometric models are used to connect the visual and the symbolic. Use of scientific and graphing calculators is encouraged throughout the course. The emphasis in this course is on the concrete applications and concept. (Not a Keystone Exam triggercourse)

Academic Pathway-Mathematics

(2 year associates or 4 year college degree pathway)

2122	Academic Algebra 1	<i>Grade 9</i>	1.0 credit
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The study of Algebra lays the foundation for mathematics, sciences, and technical courses a student will be taking in the future. Students learn to express relationships verbally, pictorially, graphically, and symbolically. Equations are solved graphically prior to solving them symbolically. Emphasis is on connections to the real world and to various mathematical strands. Geometric models are used to connect the visual and the symbolic. Use of scientific and graphing calculators is encouraged throughout the course. This course covers the same materials as #2120 but with more emphasis on the abstract applications and concepts and prepares the student to take the Keystone Exam at the end of the course. All students must take the Keystone Exam for Algebra 1.

Honors Pathway-Mathematics (4 year college degree pathway)

2133	Geometry Honors	<i>Grade 9</i>	1.0 credit
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Grade 9: Algebra 8 with a recommended minimum 90% average and Proficient or higher on the Keystone Algebra 1 exam

This is the accelerated Geometry for the 9th grade. In the study of geometry, students use inductive reasoning to identify patterns, and make conjectures---apply deductive reasoning to confirm conjectures through proof. The course begins with a strong development of visualizations and drawing skills. Algebraic and geometric models are used throughout to model a variety of real world situations. Proof is developed carefully throughout the text with an emphasis on understanding. Various proof formats are compared and used when appropriate---paragraph, flow-chart, and two column. The use of synthetic, coordinate, transformation, and vector approaches are promoted to help students understand the big ideas. Coordinate and transformation techniques are introduced early and used when appropriate. The use of manipulatives and constructions are integrated throughout to promote active involvement. This course emphasis is on the abstract applications and concepts, with a stronger emphasis on proofs and theory.

Modern Language

Modern Language can be the key to a successful future in both school and business. More than 70% of U.S. firms report that knowledge of a second language is an important consideration for successful employment. They seek employees with functional language skills as well as sensitivity to social and cultural differences. Speakers of a foreign language are greatly valued by international business firms as well as social services, law enforcement, manufacturers, health service providers, and local employers. Most universities recommend foreign language study as both an admission and graduation requirement. Students who study a foreign language demonstrate a better understanding of other cultures in addition to their own. Combining foreign language skills with almost any other career pathway makes the student more desirable in the field of future employment.

5140 **Spanish 1** ***Grade 9-12*** **1.0 credit**

This course is an introduction to the language and culture of societies with different speech and lifestyles. The initial stages of language learning include mastery of a new sound system through oral repetition and practice of pronunciation, vocabulary, phrases, and, eventually, conversations. Reading and writing in the language will be studied. The student will be introduced to the new culture throughout the year through use of books and other visuals, foods, native speakers, magazines, etc. as available. The culture--that is, the behavior, beliefs, and values--of the people studied is an integral part of this course. Evaluation is based on oral class participation, completion of homework assignments, projects, oral and written quizzes, and unit tests. Students will be expected to complete assignments in a self-disciplined, self-motivated manner.

5120 **German 1** ***Grade 9-12*** **1.0 credit**

A beginners course in German. No prior knowledge of German is required. Students will learn how to communicate effectively in German at a beginners level. Students will also gain an in-depth understanding of German culture. The curriculum utilizes an online structure that integrates key German materials that incorporate information on culture and language. There is also the *Komm Mit!* Level 1 textbook used as a supplement. The abilities of students who complete German 1 will measure at the *Novice High* level according to the ACTFL Proficiency Guidelines.

Music

5600 Concert Band **Grade 9-12** **.50 credit**

The Concert Band is a high school performing ensemble which rehearses every other day. Participants include students who have been involved in the music program since elementary and middle school. The Band performs for evening concerts and other special events throughout the year. Repertoire includes music from various periods of music history as well as contemporary wind ensemble literature and marches. Band members, *in good standing*, will have the opportunity to audition for LCBDA/PMEA county/district/region/state festivals. Opportunity for solo and small ensemble concerts may also present themselves throughout the year. Previous experience playing an instrument in the district's music program is highly encouraged, although not necessarily required. **Students without previous playing experience must meet with the director for permission to schedule this course.**

Extra-Curricular – Marching Band **Grade 9-12** **No credit**

The Bulldog Marching Band is an extra-curricular activity that meets entirely outside of the school day. Students do not need to participate in Concert Band in order to be a member. The marching band provides entertainment to the community through parades and football games. This ensemble also participates in local marching band competitions as well as the Lycoming County Band Director's Marching Exhibition. The Bulldog Marching Band begins each season over the summer and continues through the end of Marking Period 1. Repertoire includes serious works for marching band as well as contemporary and popular music. *Prior experience with color guard is NOT required as students will be taught by a color guard instructor.*

5601 Concert Choir **Grade 9-12** **.50 credit**

The Concert Choir is a high school performing ensemble which rehearses every other day. The Concert Choir performs at school concerts and special events throughout the year. Repertoire includes music from various periods of history, as well as world and American music, folk and contemporary. The Concert Choir members, *in good standing*, may audition for PMEA district/region/state festivals and other select ensembles. Other performance opportunities may become available to perform in solo and ensemble concerts throughout the year.

Additional Ensembles/Activities - Co-Curricular **Grade 9-12** **No credit**

Students involved in the music program will also have the opportunity to participate in smaller, seasonal activities at the Jersey Shore Area Senior High School. *Possible* groups include: jazz band, wind ensemble, percussion ensemble, quartets, quintets, pep band, and various select vocal ensembles. Students are chosen by auditions for certain groups.

5705 Music History **Grade 9-12** **.50 credit**

This course is designed to help students understand how music has progressed throughout history and the stylistic changes music endured during different eras. In this class, students will listen to various styles of sacred and secular music from various countries as well as music by well-known composers. Students should be prepared to take notes and keep a detailed notebook. In addition, students will be required, on occasion, to write short papers/essays and give oral presentations. This semester course is open to all students who have an interest in the history of music. *Previous knowledge of how to read music is not required, but would be helpful.*

5710 History of Rock and Roll: 50's, 60's, 70's **Grade 9-12** **.50 credit**

This semester course was created to fulfill the art/music/fcs component of the graduation requirements. It is designed to help students understand what constitutes the idea of "rock and roll" and its progression from the early 1950's through the 1970's. In this class, students will listen to examples of music from various artists/groups from the various time periods. In particular, considerable time is spent on music of the 1950's, 1960's, 1970's. Students should be prepared to take notes and keep a notebook for the class. In addition to quizzes/tests, students may be required to prepare an oral group presentation and an individual project.

5711 History of Rock and Roll: 80's, 90's 2000's***Grade 9-12 .50credit***

This semester course was created to fulfill the art/music/fcs component of the graduation requirements. It is designed to help students understand what constitutes the idea of "rock and roll" and its progression from the early 1980's through the 2000's. In this class, students will listen to examples of music from various artists/groups from the various time periods. In particular, considerable time is spent on music of the 1980's, 1990's, and 2000's. Students should be prepared to take notes and keep a notebook for the class. In addition to quizzes/tests, students may be required to prepare an oral group presentation and an individual project.

Physical Education/Health

8000 Physical Education REQUIRED

Grade 9-12 .50 credit

The physical education program will provide a wide variety of activities to meet the mental, physical, social, and emotional needs, as well as the interests and abilities, of all students. The activities are designed to develop interpersonal skills, positive attitudes, a desire to participate, physical fitness, and an appreciation of lifetime and individual sports. The activities are offered to each student in a co-educational, modified elective program. Students will have the opportunity to develop proficiency in movement forms. This proficiency involves the ability to demonstrate a degree of consistency and skillfulness in the execution of basic as well as advanced skills in offered activities.

Included in the program is a wide variety of activities, such as, basic swimming, disc golf, soccer, pickle ball, volleyball, softball, basketball, badminton, recreational games, square dancing, aerobics, yoga, floor hockey, aquatic fitness, fitness walking, lacrosse, and kayaking, canoeing, snorkeling and a variety of aquatic games. The students will have use of the “fitness center” which includes: cardio equipment, hammer strength training, and a variety of circuit training will be available to all students. Furthermore all ninth grade students and “new” students to the district will be certified in the technique, safety, care, handling of equipment and procedures of the fitness center.

8049 Health & Wellness REQUIRED

Grade 9 (Required) .50 credit

This course is based off of the Pennsylvania State Standards for Health, Physical Education, Safety, Recreation, and Dance, as well as, the National Health Education Standards. The goals of this course are to introduce and explain the concept of wellness; provide current information on health issues; assist the student in developing a balanced lifestyle through understanding of the inter-relatedness of the physical, mental and emotional realms in making a healthy individual; provide an opportunity for students to examine and evaluate their personal relationships; and provide opportunities for the development of decision-making and critical-thinking skills.

0046/8114 Health Occupations

Grade 9 .50 credit

The Health Occupations course will enable students to engage in a more thorough understanding of the various occupations available in the Health field. Students will be provided information on: job descriptions, job responsibilities, including the negative and positive aspects of the jobs, training and educational requirements, salary/benefits, working environments, advancement opportunities, job security and retirement incentives through instruction, research and personal experiences with guest speakers. The course is an excellent way for students to become better prepared for making career decisions in Health related fields.

Science

Students are required to earn a minimum of three (3) Science credits and score proficient or advanced on the Keystone Biology Exam to meet graduation requirements. Students who do not pass the Keystone Exam after the full year biology course, may be required to take the Keystone Biology Remediation course the following school year and will take the Keystone Biology Exam a second time.

Upon completion of 8th grade, students must choose a science pathway for the high school. A score of Advanced on the Keystone Algebra exam in 8th grade and a recommendation is a prerequisite for the Honors Pathway.

Career/ Academic Pathway-Science

(Workforce, technical or 2 year associates degree pathway, & 4 year degree)

3122	Earth and Space Science	Grade 9	.50 credit
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This course will provide students with an understanding and knowledge of the Earth and the Earth's place in the Universe. The following topics will be covered: Astronomy- the Earth in the Universe, Meteorology-the atmosphere of the Earth, and Geology-the solid part of the Earth. The students will develop proficiency in basic laboratory process skills such as measurement, data collection, organization, analysis, and forming conclusions.

3212	Introduction to Biology	Grade 9	.50 credit
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This course is intended to introduce students to core concepts in Biology including: basic biological principles, structure and function at various levels of biological organization, cell growth and reproduction, genetics, evolution and ecology.

Honors Pathway-Science

(4 year college degree pathway)

3219	Biology 9 / REQUIRED Course	Grade 9	1.0 credit
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(Teacher recommendation required)

Biology is the Keystone science trigger course for the high school. A score of proficient or above must be earned on the Keystone Biology Exam in order to meet graduation requirements. The biology course has been designed to enhance student understanding of the structure and function of all living things, the student's place in this community of life and to provide each student the tools required to be successful on the Keystone Biology exam. Topics include: the cell, cell division, the cell's role in the establishment and maintenance of homeostasis, bioenergetics, ecology, genetics, and evolution.

Social Studies

The high school social studies program is designed to impart critical and analytical thinking skills to all students. As students explore history and are introduced to disciplines within the social sciences, they will also refine their written and oral communication skills. All students are expected to read assignments critically and participate actively in class discussions and activities.

PA School Code requires all students to be enrolled in the following history courses during their high school career:

- **United States History**
- **World History**
- **American Government**
- **Economics**

Career Pathway-Social Studies

(Workforce, technical or 2 year associates degree pathway)

1123	United States History	Grade 9	1.0 credit
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This course is designed to give career pathway students a broad background in the social, political, and economic development of the United States from 1815 to the present. Topics include, but are not limited to, westward expansion, and causes of the Civil War, Reconstruction, the Gilded Age, Populism, Progressivism, American Expansionism, New Deal Liberalism, World Wars I and II, the Cold War, the Civil Rights Movement, the Vietnam War, 1960's Liberalism, and Neo-Conservatism.

Academic Pathway-Social Studies

(2 year associates or 4 year college degree pathway)

1120	United States History 1	Grade 9	1.0 credit
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This course is designed to give all students a broad background in the social, political, and economic development of the United States from the French and Indian War to the end of the Reconstruction era. Topics include, but are not limited to, the American Revolution, formation of a republican form of government, the birth of political parties, westward expansion, and causes of the Civil War. United States geography will also be an integral part of the course.

Honors Pathway-Social Studies

(4 year college degree pathway)

1130 **19th Century History Honors** *Grade 9* **1.0 credit**

This college preparatory course will help students develop critical thinking and writing skills that they will use throughout high school and college. It will help students learn to think historically as they compare economic, political, intellectual, and social developments in Europe and the United States from the Seven Years' War to the end of the nineteenth century. Topics include, but are not limited to, the Enlightenment, American Revolution, French Revolution and Napoleon, Early American Republic, Jacksonian Democracy, the American Civil War, and European Imperialism. Students will be expected to read and write about challenging primary and secondary source materials. Since this course is also designed to prepare students for future Advanced Placement (AP) coursework in European and United States history, special emphasis will be placed on the critical thinking skills needed to complete the multiple choice and free response portions of the AP exam as well as methods to analyze primary documents. **Note: All students who score at the advanced level on the reading portion of 8th Grade PSSA Exam will automatically be enrolled in this course as it will help to expand and refine their abilities to interpret, analyze and evaluate non-fiction.**

