

**CANTON  
JUNIOR-SENIOR  
HIGH SCHOOL  
Academic Planner  
2022-2023**



## **DUAL-ENROLLMENT**

A dual-enrollment program is offered to Canton juniors and seniors. Students who enroll in the following Canton Jr./Sr. High School courses will have the opportunity to earn college credits at a discounted cost to the student. The colleges we have agreements with are Keystone and Lackawanna Colleges. Students should always check with individual post-secondary schools to make sure these courses will be accepted towards their degree and/or electives.

- **Keystone College** – AP Biology, Human Anatomy and Physiology, Statistics
- **Lackawanna College** – Composition I/College Writing, Public Speaking/Effective Speaking, AP English/Composition II/Introduction to Literature, Honors Pre-Calculus, AP Psychology/Introduction to Psychology, Spanish III, Physics II, Chemistry II, AP Environmental Science, AP US Government and Politics

## **VOCATIONAL EDUCATIONAL OPPORTUNITIES AT THE NORTHERN TIER CAREER CENTER**

All students at Canton Area Jr/Sr High School have the option of attending the Northern Tier Career Center (NTCC) in their junior and senior year (sophomore year for cosmetology). The NTCC offers vocational-technical programs that provide students with the training and skills to enter into a career upon graduation from high school or to pursue advanced technical training at an accredited post-secondary institution.

All NTCC programs, as described here, are available to all students. However, please note that enrollment at the NTCC is limited to the district's annual allotment of openings within each program offered. Openings are based on a first come, first served basis. Students who attend the NTCC will receive 4 credits per school year for the program they have chosen there. While attending Canton High School, these students will receive courses in English, Social Studies, Math, and Science. These courses will give them 4 credits toward graduation per year.

Individual Education Programs (IEP) for students with disabilities selected to attend the NTCC will reflect the goals and objectives of the respective program for which they are enrolled. NTCC instructors are informed of any modifications or special services addressed in the IEP, and include curricular modifications into the student's program.

In order for a student to be eligible to attend the NTCC, the following requirements must be met:

1. Must have acquired 12 credits (meeting all 9th & 10th grade state and school district requirements) through grade 10, and pass all subjects in grade 11 (first semester). Concerns regarding qualifications for NTCC will be addressed on a case by case basis. The specific list of courses that must be successfully completed prior to attending NTCC are as follows:
  - a. **9th grade:** English 9, American History II, Algebra I or 1-A, Chemistry in the Environment or Honors Chem I, 1 Technology course, Physical Education 9, two or three electives (minimum of 7 credits).
  - b. **10th grade:** English 10, Modern America, Algebra II or 1-B, Biology, Physical Education 10, Health 10, 1 Technology course, two electives (minimum of 7 credits).
  - c. **11th grade:** Pass all courses 1<sup>st</sup> semester to remain at NTCC.
2. Have no more than a total of ten days absence during the previous school year of anticipated attendance at NTCC, unless excused for legal/doctor reasons.
3. Sign the enrollment form in the school counseling office. All students accepted in a program at NTCC must abide by the current Canton Jr/Sr High School student handbook and the current academic planner.
4. Must, in the judgment of the High School Principal and the High School Counselor, have had a positive attitude and an acceptable conduct record.

**Programs offered at the Northern Tier Career Center (COURSE NUMBERS #935 #936 #937) include the following:**

**TEACHER ACADEMY/EARLY CHILDHOOD EDUCATION – 900 hours**

This program provides instruction in the physical, emotional, intellectual, and social development of children. Aspects of teaching and working with children from birth to elementary school age are included, such as health, wellness, safety, growth, behavior, and developmental milestones. Students will learn to attend to children's basic needs, organize activities, develop curriculum, prepare lesson plans, design and manage programs, and effectively deliver instruction in childcare, pre-school, and elementary settings. Theory in this course includes human development, psychology, ethical and professional responsibilities, communication, and the interaction of child, family, community, and schools. Clinical experiences will provide opportunities for students to develop the skills necessary to become successful future teachers and childcare providers while working directly with young children in childcare centers and schools.

Industry Credential Opportunities:

Child Development Associate (CDA) National Credential

American Red Cross: First Aid and CPR

College credit opportunities: Dual enrollment anticipated and currently being explored

**CONSTRUCTION TRADES**

**Building Construction Trades - 900 hours**

This program of study covers construction and remodeling of buildings including carpentry, concrete, masonry, painting, drywall, cabinetry, roofing, plumbing, electrical, stairs, and interior/exterior finishes. Students study and practice all phases of building construction, from layout of site, foundation and wall construction, to roof framing and interior trim.

Industry Credential Opportunities:

OSHA: 10-hour Safety Course, Construction

National Safety Council: Forklift Operator Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: BCT 103, 109 & 234 (10 credits offered)

**Mechanical Trades (HVAC-Plumbing-Electrical) - 900 hours**

This Heating, Ventilation & Air Conditioning (HVAC) program combines classroom and practical learning experiences and prepares individuals to apply technical knowledge and skills to install, repair, and maintain home and business heating, air conditioning, basic plumbing, electrical, and refrigeration systems. Students will gain experience by working on equipment that is used daily in their own homes, such as furnaces, water heaters, electrical appliances, and air conditioning units.

Industry Credential Opportunities:

OSHA: 10-hour Safety Course, Construction

Air Conditioning, Heating & Refrigeration Institute: EPA 608

National Safety Council: Forklift Operator Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: ACR 111 (5 credits offered)

**HEALTH CARE**

**Health Assistant/Pre-Nursing - 900 hours**

This course allows the student to advance at their own rate and allows for individuality in the choice of a specific career objective and provides skills for Medical Assistant, Nursing Assistant, and Dental Assistant. Introduction to EKG, Phlebotomy, Occupational and Physical Therapies are included. This course is for the student looking to further their education in health care as a Registered Nurse, LPN, OT, PT and other health care related fields. After completion of the nursing assistant curriculum, students are eligible to take the state exams (written & skill) for placement on the registry for long-term care nursing assistants. Clinical experiences may accompany portions of this course.

Industry Credential Opportunities:

Pennsylvania Department of Health: Nurse Aide Registry

American Red Cross: First Aid and CPR

DVM-Instructional Systems: Dean Vaughn Learning Systems in Medical Terminology

OSHA: 10-hour Safety Course, Healthcare

Penn College NOW – Dual Enrollment with Penn College of Technology: MTR 104 (3 credits offered)

## **HOSPITALITY**

### **Food Production & Management - 900 hours**

This course is designed to provide the student with the skills, knowledge, and attitudes necessary in food service and hospitality related careers. Specialized learning units include theory and work experience in the major areas of selection, purchasing, storage and preparation of ingredients, baking and desserts, restaurant management, and cold food preparation. The restaurant kitchen serves as the preparation laboratory, while the 40 seat restaurant provides experience in proper front-of-the house operations.

Industry Credential Opportunities:

National Restaurant Association: ServSafe Manager's Certification

National Restaurant Association: ServSafe Allergen Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: FHD 118 & FHD 137 (4 credits offered)

## **HUMAN SERVICES**

### **Cosmetology - \*1350 hours (Tech Prep)**

This is a state licensed course designed to provide the student with fundamentals needed to prepare for the state board examination. Instruction is provided in chemical textures, hair coloring and lightening techniques, haircutting and hair design, microdermabrasion, glycolic peels, facials, superfluous hair removal, styling eyebrows, pedicures, manicures, and nail art. Practical experience is gained by providing services through the operation of an on-site clinic for classmates, fellow NTCC students, and clients from the community.

Industry Credential Opportunities:

Pennsylvania State Board of Cosmetology: Cosmetologist

\*1250 hours are required by the Pennsylvania State Board of Cosmetology to take the State Board exam. In order to obtain sufficient hours, students will need to enroll in their 10th grade year. Summer school is no longer offered for completion of hours.

## **INFORMATION TECHNOLOGY**

### **Information Technology - 900 hours**

This program prepares students to apply basic engineering principles and technical skills as they take the first step in pursuit of an IT career in cloud computing, network administration, mobility, security systems administration, programming, database management, and/or continuing education at a post-secondary institution. Taking a broad-spectrum approach, students will learn basic computer design and maintenance, security, networking, operating systems, IT operations, hardware and software problem diagnosis, troubleshooting, technical support, and web design. Students will gain the foundational knowledge and skills necessary to successfully pursue the post-secondary training and education that is required for most entry-level positions in IT.

Industry Credential Opportunities:

CompTIA: IT Fundamentals Certification

CompTIA: A+ Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: EET 145 (4 credits offered)

## **MANUFACTURING**

### **Machine Tool Technology - 900 hours**

The MTT program is designed to prepare students with the skills and experience necessary to pursue post-secondary education and training in machining and engineering pathways or obtain entry level employment in the metal products or manufacturing industry. Students will be trained in the conventional areas of industrial machine setup, operation,

and maintenance, to include lathes, mills, drills, and grinders, as well as in Computer Numerical Control (CNC) machine setup, programming and operation. Students will develop skills in industry-related mathematics and CAD/CAM software applications, in addition to the use of tools, gauges, precision instruments, and blueprints. Machinists are in exceptionally high demand and the field includes careers in engineering, manufacturing, machine maintenance, tool and die, and fabrication.

Industry Credential Opportunities:

National Institute for Metalworking Skills, Inc. (NIMS)

OSHA: 10-hour Safety Course, General Contracting

National Safety Council: Forklift Operator Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: MTT 118 & MTT 119 (8 credits offered)

### **Welding Technology - 900 hours**

The Welding program is taught in a simulated work environment to help develop the hands-on experience, as well as theory and equipment and shop safety skills. The course is designed to equip students with skills and knowledge in shielded metal arc welding (SMAW), gas metal arc welding (GTAW), and flux core arc welding (FCAW), as well as blueprint reading and fabrication.

Industry Credential Opportunities:

American Welding Society: Level 1 Entry Welder Training

OSHA: 10-hour Safety Course, General Contracting

National Safety Council: Forklift Operator Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: WEL114, WEL116, WEL120, WEL123, WEL124 & WEL129 (12 credits offered)

## **TRANSPORTATION**

### **Automotive Mechanics Technology - 900 hours**

This program prepares individuals to apply technical knowledge and skills to the specialized area of automotive technology including engine diagnosis, engine repairs, heating & cooling systems, power train, brake suspension, steering systems, and computerized engine controls. Students study and practice all phases of engine repair and overhaul from diagnosis-problem solving to preventative maintenance.

Industry Credential Opportunities:

Pennsylvania Department of Transportation: Certified Safety Inspector Cat I, Cat II, Cat III

Environmental Protection Agency: 609 Motor Vehicle Air Conditioning Certification

Automotive Service Excellence (ASE): Entry-Level Certification

National Safety Council: Forklift Operator Certification

### **Collision Repair Technology - 900 hours**

This program prepares individuals to apply technical knowledge and skills to the specialized areas of automotive reconstruction and restoration including panel replacement and repair, frame repair, plastic repair, refinishing, auto body related mechanics, automotive electricity, and estimating. Students study and practice all methods of auto body repair including the use of hand tools, welding practices, body and frame repair, refinishing processes, spray painting techniques, interior trim removal, upholstering, weather stripping, sheet metal repair, filler work, and plastic repair.

Industry Credential Opportunities:

Pennsylvania Department of Transportation: Certified Safety Inspector Cat I, Cat II, Cat III

Environmental Protection Agency: 6H Certification

ICAR: Non-Structural (14 certifications available)

National Safety Council: Forklift Operator Certification

### **Diesel Mechanics Technology - 900 hours**

This program prepares individuals to apply technical knowledge and skills to the specialized maintenance and repair of trucks, buses, and other commercial and industrial vehicles. Instruction in diesel engine mechanics, suspension

and steering, brake systems, electrical electronic systems, preventative maintenance inspections, drive trains, HVAC systems, and auxiliary equipment installation and repair is included.

Industry Credential Opportunities:

Pennsylvania Department of Transportation: Certified Safety Inspector Cat I, Cat II, Cat III

Automotive Service Excellence (ASE): Entry-Level Certification

Bendix: Brake Certification; MGM: Brake Certification

Environmental Protection Agency: 609 Motor Vehicle Air Conditioning Certification

National Safety Council: Forklift Operator Certification

Penn College NOW – Dual Enrollment with Penn College of Technology: DSM 119 & DSM 141 (4 credits offered)

### **DIVERSIFIED OCCUPATIONS – ONE YEAR, SENIORS ONLY**

This opportunity is available to SENIORS who are not enrolled in another NTCC program and allows students with specific career objectives in pathways that are not offered at NTCC to gain related experience for credit. Students complete theory classes through NTCC, including employability, career development, workplace readiness, technical skills, and safety. Students complete their remaining hours (minimum 15 hours per week) through paid part-time on-the-job experience at training sites, where they will develop skills in accordance with their individual training plans. Students will complete the NOCTI: 21st Century Skills for Workplace Success.

Industry Credential Opportunities:

CareerSafe: OSHA Safety

National Safety Council: Forklift Operator Certification

## **Canton Area Jr/Sr High School Course Catalog**

### **ENGLISH DEPARTMENT**

Mrs. Mariah Smith

Mrs. Angela Kelly

Mrs. Stacey Segur

Miss Carolann Ward-Spencer

Mrs. Kalyn Essick

#### Required classes for 9th grade:

English 9

Honors English 9

#### Required classes for 10th grade

English 10

Honors English 10

#### Required classes for 11th grade

English 11

Honors English 11

#### Required classes for 12th grade:

\*AP English/Composition II / Introduction to Literature(ENGL 1020)

English 12

Vocational-Technical English 12

#### Elective classes for 11th grade:

\*Composition I/College Writing (ENGL 105)

Movie Studies

\*Public Speaking I (COM 125)

#### Elective Classes for 12th grade

\*Composition I/College Writing (ENGL 105)

Movie Studies

\*Public Speaking I (COM 125)

Public Speaking II

**ENGLISH 9 (COURSE #109):** This year-long class is devoted to building thinking, reading, and writing skills through the study of literature and grammar. Several different genres will be studied during the course including fiction, nonfiction, drama, and poetry. Grammar study will be addressed as needs arise. Activities, projects, assessments, and writing assignments will be completed with respect to the necessary preparation for the Keystone Exam in Literature and Composition. ***Credit value: 1 credit. Required course in 9th grade.***

**HONORS ENGLISH 9 (COURSE #119):** This is a year-long class devoted to the college-bound student. It moves at a faster pace than English 9 but focuses on the same literacy skills. Several different literary genres will be studied including fiction, nonfiction, drama, and poetry. Grammar will be covered as needed. Activities, projects,

assessments, and writing assignments will be completed with respect to the necessary preparation for the Keystone Exam in Literature and Composition. **Credit value: 1 credit. Required course in 9th. Also need to achieve a 95% in a previous honors class as well as get proficient or advanced on their state testing the previous year.**

**ENGLISH 10 (COURSE #110):** English 10 is a year-long course. The course emphasizes the continual improvement of reading, writing, thinking and speaking through the study of various genres of literature- short story, novel, poetry, essays, drama, etc. Vocabulary is also highlighted and strengthened in separate units and through the works studied. Some projects/activities include oral presentations, critical papers, creative writing projects, and large and small group discussions. The novel studied during this course is *Fahrenheit 451*. The drama *Julius Caesar* will be studied. This course prepares students for the Keystone State Evaluation in English. Students in this course will take the exam in May. **Credit value: 1 credit. Required course in 10<sup>th</sup> grade. Prerequisite: Successful completion of English 9 or Honors English 9.**

**HONORS ENGLISH 10 (COURSE #120):** Honors English 10 is a year-long course. The course emphasizes the continual improvement and refinement of reading, writing, thinking, and speaking skills through the study of various genres of literature- short story, novel, poetry, essays, drama, etc. Vocabulary is also highlighted and strengthened in separate units and through the works studied. Critical writing and thinking skills are especially stressed in this course. The course moves at a faster pace than English 10 with a greater focus on college preparation. Some projects and activities include oral presentations, critical papers, creative writing projects, and large and small group discussions. The novel studied during this course is *Fahrenheit 451*. The drama *Julius Caesar* will be studied. **Credit value: 1 credit. Required course in 10<sup>th</sup> grade. Prerequisite: Successful completion of English 9 or Honors English 9. Also need to achieve a 95% in a previous honors class as well as get proficient or advanced on their state testing the previous year.**

**ENGLISH 11 (COURSE #111):** English 11 is a year-long course, emphasizing the development of reading, writing, thinking, and speaking skills through a survey study of American Literature. This course also focuses on preparation for the Keystone Exam. Some projects/activities include writing projects, creative projects, *The Crucible*, *Somewhere in the Darkness* oral presentations, large and small group discussion, and role playing. *Monster* and *Touching Spirit Bear* may be studied if time permits. **Credit value: 1 credit. Required course in 11<sup>th</sup> grade. Prerequisite: Successful completion of English 10 or Honors English 10.**

**HONORS ENGLISH 11 (COURSE #121):** Honors English 11 is a year-long course. The course is a survey of American Literature. Honors English 11 emphasizes reading, writing, speaking, and thinking skills. The course also focuses on preparation for the Scholastic Aptitude Test (SAT) and Keystone Exam. Critical writing and thinking skills are especially stressed. This course has a faster pace than English 11. Some projects/activities include several critical papers, creative writing papers, *The Scarlet Letter*, *The Crucible*, *The Catcher in the Rye*, oral presentations, large and small group discussion, and role playing. \*If time permits, *Farewell to Arms* and *Animal Farm* may be studied. **Credit value: 1 credit. Prerequisite: Successful completion (94% or above) in English 10 or Honors English 10. Also need to achieve a 95% in a previous honors class as well as get proficient or advanced on their state testing the previous year.**

**ENGLISH 12 (COURSE #112):** This class will be completed in five modules, plus a required midterm (portfolio/Xello assignments uploaded) and final exam (presentation, project, or test). The following modules will be completed: Module 1-- Beginning: Syllabus, Choosing 2 Classic books, Presentation of My Page Matters, Reviewing the Writing Process and Six Traits, and Vocabulary; Module 2-- Reading, Writing, & Language; Vocabulary (prefixes, roots, and suffixes or career jargon) and Reading Selection Critical Reading; Module 3--Close Reading and TDA for Nonfiction, Informative Writing (Focus on the Future)(Midterm Portfolio/uploading assignments to Xello), and Reading Selection; Module 4--Close Reading and TDA for Argument/Research and Argumentative Writing/Research/MLA Format; and Module 5--Close Reading and TDA for Fiction—poetry *Beowulf*, prose *Grendel*, and drama/poetry *Hamlet* and Narrative/Informative Writing. All of these modules offer reading, writing, and speaking/listening components that require higher level thinking, all of which can be utilized during the school year and in the future plan that students

have chosen. **Credit value: 1 credit. Required course in 12th grade. Prerequisite: Successful completion of English 11 or Honors English 11.**

**\*AP ENGLISH/COMPOSITION II/INTRODUCTION TO LITERATURE (COURSE #122):** This class is known as ENG 110: Introduction to Literature, as it is a dual-enrollment course through Lackawanna College: three college credits for \$300. English 110 introduces students to poetry, prose, and drama while acquainting them with critical frameworks for interpreting literature. The course will employ a holistic approach to writing as a process, requiring students to compose original, critical essays that discuss primary literary works. While requiring classes to employ sound research skills, the course will allow individual students to develop critical approaches related to their academic and personal experiences. Also, reading and writing skills will focus on careers and applying to college and for a job, and the experience, interpretation, and evaluation of literature, along with writing for the AP exam. A term paper and many presentations will be required. Students are expected to work independently as well as virtually with partners/groups. A portfolio serves as the midterm and final exams. ***Students can take the AP English Literature Composition Exam in May. (If a student signs up for and takes the AP Exam, then he/she will be exempt from the midterm and final exams.). Credit Value: 1 high school credit Satisfies senior year English requirement. Prerequisites recommended: Composition I and above satisfactory completion of English 11 or Honors English 11. Summer reading assignments are required prior to taking this course.***

**VOCATIONAL-TECHNICAL ENGLISH 12 (COURSE #113):** This is a full-year course designed to address those students who are seeking employment, a two-year vocational-technical degree after high school, or another job training program. Emphasis will be placed on improving communication skills. A variety of genres may be studied throughout the course; however, most writing assignments and projects will be geared toward career development and planning. This course is not intended for college bound seniors unless they participate in NTCC. **Credit value: 1 credit (satisfies English 12 requirement). Prerequisites: Completion of English 11 or Honors English 11.**

### **ENGLISH DEPARTMENT ELECTIVES**

**\*COMPOSITION I/COLLEGE WRITING (COURSE #126):** This class is known as ENG 105: College Writing, as it is a dual-enrollment course through Lackawanna College: three college credits for \$300. English 105 strives to familiarize students with the writing process, empowering them to effectively produce polished, coherent academic essays, which employ critical, analytical and research skills. This course applies a holistic approach to academic writing while helping students to develop clear, thoughtful essays in standard academic forms. Specifically, students' writing experience will culminate in the production of a properly organized, fully documented research paper. A portfolio serves as the midterm and final exam. **Credit Value: 1 high school credit**

**MOVIE STUDIES (COURSE #132):** This class will focus on the history of movies along with students analyzing movie elements, the movie-making process, and genres. The students will be expected to watch movies in a respectful manner, read articles, write journals and essays, create projects, and give presentations. **Credit Value: 1 high school credit.**

**\*PUBLIC SPEAKING I/EFFECTIVE SPEAKING (COURSE #129):** This class is known as COM 125: Effective Speaking, as it is a dual-enrollment course through Lackawanna College: three college credits for \$300. This course stresses the various methods of speech for effective oral communication. Key topics will be examined, such as fear of public speaking, listening, communication, preparing and giving an effective speech, and presenting various types of speeches. Various sections of the book will be discussed, such as "The Person," "Person to Person," "Preparation and Process," and "Presentations." Students will learn about and deliver different types of speeches, such as informative, persuasive, and demonstration as well as specialized speeches, such as a mock interview and debate. Students are expected to present individually and with partners or groups. If time permits, students may engage in the aspects of public speaking as it is used in performance. **Credit value: 1 high school**



**PUBLIC SPEAKING II (COURSE #130):** This course allows students from Public Speaking I to advance their skills by presenting to and assisting those in Public Speaking I. Students will be presenting informative speeches to Public Speaking I about “Problem Solving and Conflict Management” and “Leadership” as well as other topics. PSII students will learn about and present specialized speeches, such as impromptu, extemporaneous, oral interpretation, special occasion, and second mock interview. These students are encouraged to present to the public as well. **Credit Value: 1 high school credit. Prerequisite: Successful completion of Public Speaking I.**

#### **SOCIAL STUDIES DEPARTMENT**

Ms. Lisa Cole  
Mrs. Brandy McRoberts

Mrs. Kelsey Herman  
Mr. Dave Reynard

Ms. Stacey Segur

#### **Required Course for 9th grade**

American History II or Honors American History II

#### **Required Course for 11th grade**

Civics/Government or Honors Civic/Government

#### **Required Course for 10th grade**

Modern America or Honors Modern America

#### **Electives (11th or 12th grade)**

World Cultures

General Psychology

\*AP Psychology

\*AP US Government & Politics

**AMERICAN HISTORY II (COURSE #210):** This is a one-credit course concentrating on the study of American History starting with the Civil War, Reconstruction and extending to Westward Expansion and the Second Industrial Revolution. Special emphasis is placed on American Presidents, their leadership and their contributions. A basic understanding of these items is a requirement for this course. Some projects/activities include written reports and group work. **Credit value: 1 credit. Required course in 9th grade.**

**HONORS AMERICAN HISTORY II (COURSE #220):** This course will be encompassing the same topics as Course #210. This course will be a more “in-depth” look at American History. More emphasis will be placed on Presidential studies, which will include more research and written reports by the students. Research on Historic sites within the U.S. will also be included in this course description. **Credit value: 1 credit. Required course in 9th grade.**

**MODERN AMERICA (COURSE #217):** This course will continue student studies of United States History from WWI to present day. Major topics will include WWI, the Great Depression, WWII, the New Deal, and the Cold War. The class will also cover the Civil Rights Movement, Watergate, the Cuban Missile Crisis and other major events in U.S./ World History. **Credit value: 1 credit. Required course in 10th grade. Prerequisite: Successful completion of Am History II or Honors Am History II.**

**HONORS MODERN AMERICA (COURSE #218):** This course will be encompassing the same topics as Course #217. This course will be a more “in-depth” look at Modern America. This course will continue student studies of United States History from WWI to present day. Major topics will include WWI, the Great Depression, WWII, the New Deal, and the Cold War. The class will also cover the Civil Rights Movement, Watergate, the Cuban Missile Crisis and other major events in U.S./ World History. **Credit value: 1 credit. Required course in 10th grade. Prerequisite: Successful completion of Am History II or Honors Am History I.**

**CIVICS/GOVERNMENT (COURSE #212):** This course will explore the foundations of the American Government system, from the documents used to construct our Constitution to the types of powers created by our basic principles. We will also study political behavior within our two-party system, such as voting behavior, impact of the media, and the role of interest groups. A study of the Executive, Legislative and Judicial branches within the Federal, State and Local levels of government will show students the responsibilities and duties each branch has within our Federal system. We will also discuss the functions of State and local government, Embedded in this course is the current President’s administration. **Credit value: 1 credit. Required in 11th grade. Prerequisite: Successful completion of Am History II and Modern America.**

**HONORS CIVICS/GOVERNMENT (COURSE #224):** This is a one-credit course on the same topics as POD with some modifications. First, the students who would be taking this course will be approved by the Social Studies Department. Second, much more is required of these students due to the fact that the material is studied in a more “in-depth” manner. Research projects in which the topics and expectations are presented in the beginning of the course are three-five pages long. These are all graded by using a rubric based on writing assessment standards. **Credit value: 1 credit. Prerequisite: Successful completion of Honors Modern America.**

### **SOCIAL STUDIES DEPARTMENT ELECTIVES**

**WORLD CULTURES (COURSE #211):** This is a one-credit course which begins with an introduction to a study of “Course” and an examination of the development of Civilization. This course is divided into four divisions of study. They include: The Former Soviet Union, Communist China, The Middle East, and the Continent of Africa. In each unit all aspects of people’s culture are explored, from geography and occupations to government and religious values. The purpose of this course is for students to gain an understanding of another region’s way of life, which will facilitate a greater appreciation of our own culture. **Credit value: 1 credit. Prerequisite: Successful completion of American History II, Modern America and Civics/Government.**

**GENERAL PSYCHOLOGY (COURSE #222):** This is a possible prerequisite course for AP Psychology and is offered in even-numbered years. The General Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The unit topics include history and approaches, research methods, biological basis of behavior, sensation and perception, states of consciousness, development, and cognition. Assignments include reading and notetaking, completing flashcards on the vocabulary words, writing essays, giving presentations, creating projects, and taking quizzes and unit tests. A midterm and final exam will be given. **Credit value: 1 high school credit.**

**\*AP PSYCHOLOGY (COURSE #221):** This class is known as PSY 105: Introduction to Psychology, as it is a dual-enrollment course through Lackawanna College: three college credits for \$300. There will be a review of the unit topics discussed in General Psychology: history and approaches, research methods, biological basis of behavior, sensation and perception, states of consciousness, development, and cognition. This information will be applied to the units of learning, motivation and emotion, personality, testing and individual differences, abnormal behavior and treatment, and social psychology. Assignments include reading and notetaking, completing flashcards on the vocabulary words, writing essays, giving presentations, creating projects, and taking quizzes and unit tests. A midterm exam will be given. Students are eligible to take the AP Psychology exam in May for a fee, and if it is taken, then students will be exempt from the final exam. **Credit value: 1 high school credit recommended: General Psychology. Summer assignments are required prior to taking this course, and if you did not take General Psychology, then this will be your focus during the summer months.**

**\*AP US GOVERNMENT & POLITICS (COURSE #226)** This course provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the US. Students will study US foundational documents, SCOTUS decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Students will read and interpret data, make comparisons and applications, and develop evidence-based arguments. Finally, they will complete a political science research or applied civics project.\*This class prepares you for the College Board AP United States Government and Politics exam that you can take in the spring for a fee. **Credit value: 1 credit. Prerequisite: Honors Civics #224 with a final grade of 93% and above**

## **MATHEMATICS DEPARTMENT**

Mr. Miller Moyer  
Mrs. Jennifer Seeley

Ms. Pam Larcom  
Mr. Lucas Bailey

Mrs. Tessa Stone

### **Course Offerings:**

Algebra I, Algebra 1-A, Algebra 1-B, Algebra II, Honors Algebra II, Geometry/Trigonometry, Honors Geometry/Trigonometry, Pre-Calculus, Honors Pre-Calculus, Statistics, Calculus, Consumer Mathematics, Applied Math

<b><u>Honors Track:</u></b>	9th Honors Algebra II	10th Honors Geometry/Trig
	11th Honors Pre-Calculus*	12th Calculus
<b><u>Retake Keystone</u></b>	9th Algebra I	10th Algebra 1-B
	11th Geometry/Trig	12th Algebra II
<b><u>Passed Keystone</u></b>	9th Algebra I	10th Algebra II
	11th Geometry/Trig	12th Pre-Calculus*
<b><u>Career Readiness</u></b>	9th Algebra I-A	10th Algebra 1-B
	11th Applied Math	12th Consumer Math

**ALGEBRA 1-A (COURSE #328):** Algebra I -A is an entry level mathematics course for those students who struggle with math and is intended to be the first year of a two-year Algebra sequence to best prepare a student for the Keystone Algebra exam. It is designed to introduce the concept of a variable and its relationship to the set of real numbers. A strong emphasis will be placed upon properties of numbers and equalities and carried over into solving linear quadratic and higher degree equations and inequalities. Problem solving skills will be developed throughout the sequence of the course. ***Credit value: 1 credit. Prerequisite: Math 8.***

**ALGEBRA 1-B (COURSE #329)** Algebra I-B is a second year Algebra course intended to be the second year of a two-year Algebra sequence to best prepare a student for the Keystone Algebra exam. It is also intended for those students who did pass the keystone and prepare them with practice and a deeper understanding of concepts needed to be successful in Algebra. ***Credit value: 1 credit. Prerequisite: Algebra I-A.***

**ALGEBRA I (COURSE #310):** Algebra I is an entry level mathematics course for those students entering the academic mathematics sequence (Algebra I, Plane Geometry, Algebra II). It is designed to introduce the concept of a variable and its relationship to the set of real numbers. A strong emphasis will be placed upon properties of numbers and equalities and carried over into solving linear quadratic and higher degree equations and inequalities. Problem solving skills will be developed throughout the sequence of the course. ***Credit value: 1 credit. Prerequisite: Pre-Algebra or Math 8.***

**ALGEBRA II (COURSE #312):** Algebra II the second course offered in the academic mathematics sequence. A review of all the Algebra I skills, but with a greater degree of difficulty enables students to grasp in-depth studies of the following: Functions, Linear Systems, Determinants, Polynomial Equations, Radicals and Irrational Numbers, Quadratic Relations and Systems and their applications to graphics calculators, computers, and the workplace. ***Credit value: 1 credit. Prerequisite: Successful completion of Algebra I or Honors Algebra I and passing the Keystone Algebra I exam.***

**HONORS ALGEBRA II (COURSE #322):** This course is taken only by students in the 10-1 section. Algebra II is the third course offered in the academic mathematics sequence. A review of all the Algebra I skills, but with greater degree of difficulty, enables students to grasp in-depth of the following: functions, linear systems, determinants, polynomial equations, radicals and irrational numbers, quadratic relations and systems, and their applications to graphic calculators, computers and the workplace. This class moves at a faster pace and covers more in-depth information. ***Credit value: 1 credit. Prerequisite: Successful completion of Algebra I and successful completion of the Keystone Algebra I exam.***

**GEOMETRY/TRIGONOMETRY (COURSE #311):** This is a comprehensive course in plane and solid geometry emphasizing logical reasoning, spatial visualization skills, measurement, and especially real-world applications. Through the use of definitions, axioms, postulates, theorems, and corollaries the following topics will be covered: 1) Points Lines, Planes, and Angles; 2) Deductive Reasoning; 3) Parallel Lines and Planes; 4) Congruent Triangles; 5) Quadrilaterals; 6) similar Polygons; 7) Right Triangles; 8) Circles; 9) Constructions; 10) Areas of Plane Figures; 11) Areas and Volumes of Solids; and 12) Coordinate Geometry. This course will also help students develop skills sufficiently to write and use the definition of trigonometric functions; sketch the graph of the trigonometric functions; prove identities; solve trigonometric equations; learn and then apply the law of the sines and cosines; learn how to write a complex number in trigonometric form and find all the roots of a complex number. **Credit value: 1 credit.**  
**Prerequisite:** *Successful completion of Algebra I and Algebra II*

**HONORS GEOMETRY/TRIGONOMETRY (COURSE #331):** This will follow the same curriculum as regular geometry and trigonometry but will occur at a faster pace and include enrichment activities of extended thinking. Through the use of definitions, axioms, postulates, theorems, and corollaries the following topics will be covered: 1) Points Lines, Planes, and Angles; 2) Deductive Reasoning; 3) Parallel Lines and Planes; 4) Congruent Triangles; 5) Quadrilaterals; 6) similar Polygons; 7) Right Triangles; 8) Circles; 9) Constructions; 10) Areas of Plane Figures; 11) Areas and Volumes of Solids; and 12) Coordinate Geometry. This course will also help students develop skills sufficiently to write and use the definition of trigonometric functions; sketch the graph of the trigonometric functions; prove identities; solve trigonometric equations; learn and then apply the law of the sines and cosines; learn how to write a complex number in trigonometric form and find all the roots of a complex number. **Credit value: 1 credit.**  
**Prerequisite:** *Successful completion of Algebra I and Honors Algebra II*

**\*STATISTICS (COURSE #317):** This is a mathematics course incorporating the latest technological advances including the TI-83 Plus Graphing Calculator, Microsoft Excel Spreadsheets, and Internet Projects. This course is designed to cover the following topics: 1) Data Exploration; 2) Probability; 3) Normal *Distributions*; 4) *Samples*; and 5) *Hypothesis Testing*. **Credit value: 1 high school credit.** **Prerequisite:** *87% or higher in Algebra II. (For a fee, students can earn 3 college credit hours through Keystone College).*

**PRE-CALCULUS (COURSE #313):** This is a course designed to provide the essential mathematical background needed in Calculus. Topics to be covered include linear relations and functions, theory of equations, matrices and vectors, circular functions, trigonometric functions, trigonometric applications, and Exponential and Logarithmic Functions. **Credit value: 1 credit.** **Prerequisite:** *Successful completion of Geometry/Trig and Algebra II.*

**\*HONORS PRE-CALCULUS (COURSE #323):** This is a course designed to challenge and prepare students for the AP Calculus courses for college credit. Topics covered: relations, functions and graphics; trigonometry; advanced functions and graphs; discrete mathematics; and an introduction to calculus. A major emphasis will be placed on mathematical theory, the use of the scientific and graphic calculator, and applications to use in the real world. **Credit value: 1 high school credit.** *(For a fee, students can earn 3 college credit hours through Lackawanna College).* **Prerequisites:** *Successful completion of Honors Geometry/Trig and Honors Algebra II.*

**CALCULUS (COURSE #314):** This mathematics course introduces higher mathematics by examining the fundamental concepts and skills of calculus: functions, graphs, limits, derivatives, and antiderivatives. Importance is placed on applications and problem-solving. **Credit value: 1 credit.** **Prerequisite:** *Successful completion of Pre-Calculus or Honors Pre-Calculus and recommendation of instructor.*

**CONSUMER MATHEMATICS (COURSE #318):** This course is designed to provide the student with necessary math skills for success in personal life. This is a course which will help students prepare for today's careers in business and for life's everyday mathematical operations. **Credit value: 1 credit.** **Prerequisite:** *Must be in 11th or 12th grade.*

**APPLIED MATH: (COURSE #319):** This course covers essential math concepts and how they are applied on the job in various career and technical trades. Content will be delivered as mathematical exercises through visual steps and applications that reinforce the various concepts. This course is designed for those students who are in their first year at NTCC. **Credit value: 1 credit. Must be in 11th or 12th grade.**

### **SCIENCE DEPARTMENT**

Mr. Thomas Hojnowski  
Mr. Donald Cron

Mr. John Bowman  
Mr. Miller Moyer

Mrs. Chelsie Swartz  
Mr. Casey Aylesworth

#### **Required class for 9th grade:**

Honors Chemistry  
Chemistry and the Environment

#### **Required class for 10th grade**

Biology  
Honors Biology

#### **Elective Courses for 11th and 12th grade:**

Astronomy  
Chemistry I  
Physics I  
\*AP Biology  
\*Chemistry II  
Agricultural Experience  
AP Environmental Science

Environmental Science  
Agricultural Science  
Agricultural Biology  
\*Physics II  
\*Human Anatomy and Physiology  
General Science

#### **Sequence for Agricultural Education Program(can switch some between years taken)**

Grade 9 Chemistry and the Environment  
Grade 9 Ag Experience  
Grade 10 Ag Biology or Agriscience  
Grade 10 Ag Experience  
Grade 10 Biology  
Grade 11 Ag Biology or Agriscience  
Grade 11 Ag Experience  
Grade 11 Chemistry, AP Bio, AP Environmental Science, or Human Anatomy and Physiology

Grade 12 Environmental Science  
Grade 12 Ag Experience  
Grade 12 Another Ag related elective

**CHEMISTRY & THE ENVIRONMENT (COURSE #419):** This class is offered to 9th grade students who are not accepted into Honors Chemistry. Physical Science is understanding the processes and the phenomena of the world we live in. Topics that are covered include MATTER & ENERGY, CHEMISTRY IN THE WORLD, MOTION & ENERGY, WAVES & WAVE MOTION, ELECTROMAGNETIC RADIATION and THE NATURAL WORLD. Many of the topics covered will apply to the outside world, outside of Canton Jr/Sr HS, and other future science courses. **Credit value: 1 credit**

**BIOLOGY I (COURSE #410):** Biology, or the study of life, begins by exploring the characteristics of life and the scientific method. Topics of further study include cells, cellular respiration, photosynthesis, genetics, evolution, and ecology. The many applications of biology to students' daily lives are emphasized. Some labs/activities include the scientific method, microscopy, DNA extraction, genetics, and evolution. The intent of this course is to prepare students to become proficient or better on the Biology Keystone Exams. **Credit value: 1 credit. Prerequisite: Successful completion of Chemistry & The Environment.**

**HONORS BIOLOGY I (COURSE #420):** Biology, or the study of life, begins by exploring the characteristics of life and the scientific method. Topics of further study include cells, cellular respiration, photosynthesis, genetics, evolution, and ecology. The many applications of biology to students' daily lives are emphasized. Some labs/activities include the scientific method, microscopy, DNA extraction, genetics, and evolution. Students enrolled in Honors Biology will

be required to engage in activities that promote independent higher-level thinking and complete projects outside the classroom. The intent of this course is to prepare students to become proficient or better on the Biology Keystone Exams. **Credit value: 1 credit. Prerequisite: 90% or higher in Honors Chemistry I, recommendation of the instructor, and a score of proficient or better on the Algebra Keystone Exam.**

**CHEMISTRY I (COURSE #411):** Chemistry is the study of matter and the changes that it undergoes. Matter can be considered to be anything in our universe no matter how large or small. Students will be required to build a reference text, a notebook, for this course from the information presented through the year. Students will explore a variety of subjects based on the Pennsylvania Department of Education Standards and Eligible Content for Chemistry. This includes but is not limited to:

- Properties a Classification of Matter
- Atomic Structure and the Periodic Table
- The Mole and Chemical Bonding
- Chemical Relationships and Reactions
- Students will be required to perform hands-on laboratory activities, homework, quizzes, tests, research projects, vocabulary, a midterm exam (given in January) and a final exam (given in June). **Credit value: 1 credit. Prerequisite: Successful completion of both Biology I/Honor Biology I and Algebra II.**

**HONORS CHEMISTRY I (Course #425):** Chemistry is the study of matter and the changes that it undergoes. Matter can be considered to be anything in our universe no matter how large or small. This course is designed to prepare students for the academic rigors that will be introduced in a college Chemistry 1 course. Students will be required to build a reference text, a notebook, for this course from the information presented through the year. Students will explore a variety of subjects based on the Pennsylvania Department of Education Standards and Eligible Content for Chemistry. This includes but is not limited to:

During the course we will review Chemistry I:

- Properties a Classification of Matter
- Atomic Structure and the Periodic Table
- The Mole and Chemical Bonding
- Chemical Relationships and Reactions
- Reaction rates and Equilibrium
- Students will be required to perform lab activities, research activities, written responses to specific lab, text or research questions, perform mathematical calculations to hypothesize an outcome when matter changes, Homework, Quizzes, Reading assignments, Tests, Vocabulary, a Midterm Exam (given in January) and a Final Exam (given in June). **Credit value: 1 credit. Prerequisite: Proficient or Advanced on the PSSA science test, Proficient or Advanced on the Keystone Algebra Exam, 89% or greater average grade in your preceding science course.**

### **SCIENCE DEPARTMENT ELECTIVES**

**\*CHEMISTRY II (Course #413C):** this is an intense review and study of matter at the college level with an emphasis on the use of mathematics, analytical thinking, and use of prior knowledge of the world you live in. Topics include but are not limited to Stoichiometry, Chemical Kinetics, Acids and Bases, Redox Reactions, Equilibrium, Thermo and electrochemistry, and Organic Chemistry. **Credit value: 1 high school credit. (For a fee, students can earn 3 college credit hours through Lackawanna College). Prerequisite: Successful completion of Chemistry I with an 90% or higher. Proficient or Advanced on the Keystone Biology Exam and the Keystone Algebra Exam. 90% or higher in Algebra II.**

**PHYSICS I (COURSE #412):** This is course in which students will study the following topics: Motion in a Straight Line, Graphical Analysis of Motion, Forces, Vectors; Motion in Two Dimensions, Universal Gravitation, Momentum and its Conservation, Work, Power, and Simple Machines, Energy, and Waves. **Credit value: 1 credit. Prerequisite: Successful completion of Chemistry I.**

**\*PHYSICS II (COURSE #413P):** This is a semester course in which students will study the following topics: Reflection and Refraction, Mirrors and Lenses, Diffraction, Static electricity, Electric Field, and Electric Currents. **Credit value: 1 high school credit. (For a fee, students can earn 3 college credit hours through Lackawanna College) Prerequisite: Successful completion of Chemistry I and Physics I with an 89% or higher. Successful completion of the Keystone Biology Exam with a score of proficient or better.**

**\*ANATOMY AND PHYSIOLOGY (COURSE 421):** This is a college level course in which students will study the principles of anatomy and physiology. Topics included are life processes, homeostasis, histology, anatomical terminology, medical imaging, skeletal systems, muscular systems, nervous systems, circulatory systems, digestive systems, and reproductive systems. Dissections will occur within the units of study. A fetal pig dissection will occur as a culminating dissection. It is assumed that the student will spend at least five hours each week in unsupervised individual study. This course is being offered through Keystone College as dual enrollment. **Credit value: 1 high school credit. (For a fee, students can earn 3 college credit hours through Keystone College) Prerequisite: Completion of Honors Biology or Biology I with a final grade of 89% or higher and completion of the Biology Keystone Exam with a proficient score or better.**

**AGRICULTURAL BIOLOGY (COURSE #422):** Ag Biology focuses on a biological approach to agriscience. Ag biology concentrates on the scientific principles of the central components of the agricultural industry. These components include plant and animal science, genetic engineering, aquaculture, environmental science, food science and technology. Ag Bio assists students in learning the essential information needed to continue their exploration into the field of agriscience. Every student taking Ag biology “will be” as per state directive since they are in an ag class and an FFA member. **Credit value: 1. Prerequisite: Successful completion of Chemistry in the Environment or Chemistry and Biology.**

**AGRICULTURAL SCIENCE (COURSE #423):** Fundamentals and Applications: Agriscience focuses on the fundamentals and basic applications of agriculture today. A central focus will be on the next generation’s quest to feed the projected 10 billion people that will live on the earth at that time. Some of the basics in agriculture that will be necessary to succeed in this task will be highlighted in this course. Such topics may include natural resource management, integrated pest management, plant science, animal science, food science and technology, and communications and management in agriscience. Every student taking agriscience “will be” as per state directive since they are in an ag class and an FFA member. **Credit value: Credit 1. Prerequisite: Successful completion of Chemistry in the Environment or Chemistry and Biology.**

**AG TEACHING/LAB ASSISTANT 12 (COURSE #424):** The student is recommended and requires approval from the Ag Science teacher in order to take this course. This is an independent study course where one senior student that has exhibited an extreme interest in Ag Sciences acts as a Teaching/Lab Assistant (TLA). This course includes the managing of science labs and experiments and conducting demonstrations in an area of Ag Science specialty. The student will also assist in the paperwork and activities of the FFA and its operations. This course is designed to allow a student to be an attractive candidate for a lab assistant job at the university level. The student is required to be an FFA member. **Credit value: ½ credit to 1 credit, depending on schedule. Prerequisite: FFA membership.**

**\*AP BIOLOGY I (COURSE #426) (CELLS AND GENETICS, ORGANISMS AND POPULATIONS):** The AP Biology curriculum will be divided into two semester courses studying science as a process, cellular biology, heredity and evolution, evolutionary biology, molecular genetics, diversity of organisms, structure and function of plants and animals and ecology. The purpose of this course is to prepare college-bound students interested in pursuing a degree in a science related field for the rigors of college science curricula. AP Biology is designed to be equivalent to a freshman biology class at the collegiate level. This course will follow the College Board’s Advanced Placement guidelines and prepare students for the Advanced Placement exam given annually in May. Time allocations: It is assumed that the student will spend at least five hours a week in unsupervised individual study. This course is being offered through Keystone College as dual enrollment. **Credit value: 1 high school credit. (For a fee, students can**

**earn 3 college credit hours through Keystone College) Prerequisite: 94% or higher in Honors Biology , 90% or higher in Honors Chemistry I and an Advanced score on the Biology Keystone Exam.**

**ENVIRONMENTAL SCIENCE (COURSE #432):** This is a science course that explores man's role in the environment and the social, political, and economic implications of this interaction. Natural history of local fauna will also be examined. Field work involving mark and recapture techniques, collection of fishes and aquatic invertebrates, and plant identification will be completed. The PA Envirothon website is a major resource used in the course. Periodic readings from Aldo Leopold's A Sand County Almanac will introduce students to the most famous book ever written about nature. or Rachel Carson's Silent Spring will introduce students about topics in nature. Students in this class must bring their love of nature, the spirit of debate, and a pair of boots in order to be successful. **Credit value: 1 credit. Prerequisite: Successful completion of Chemistry in the Environment or chemistry and successful completion of Biology by the end of the 10th grade year.**

**ASTRONOMY 11-12 (COURSE #427):** Astronomy is designed for the student who is interested in space exploration; planetary characteristics, mythology, and stars. It is the intent of the course to discuss and discover astronomical concepts and discover how they relate to the world around us and to potential jobs in the field of Astronomy. The course may require a few trips outside of the normal class time or setting order to demonstrate classroom concepts in the "real world". Experiences may include the utilization of a planetarium. Evaluation will be based on participation in class activities, lab work, discussion, textbook assignments, tests, quizzes, and a final exam. **Credit value: 1 credit. Prerequisite: Successful completion of Chemistry in the Environment OR chemistry and successful completion of Biology by the end of the 10<sup>th</sup> grade year.**

**GENERAL SCIENCE 11-12 (COURSE #466):** General Science 11-12: This science is based on basic concepts in general day to day science one encounters in life. It revolves around basic biological, earth science, chemical, and ecological sciences based on practical things that people encounter on earth. It will look at general science topics that are currently of interest and basic concerns of humans and how we impact the environment. It will look at how math is incorporated into the sciences as well. The course will also focus on Current PA Envirothon Topics that are presented each year and how they are related to life on earth. The course is ever changing with the most important topics of the year being of central focus. **Credit value: 1 credit. Prerequisites successful completion of Chemistry & The Environment OR Chemistry and Biology by the end of the 10<sup>th</sup> grade year.**

**\*AP ENVIRONMENTAL SCIENCE (COURSE #434):** The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science. **Credit value: 1 high school credit. (For a fee, students can earn 3 college credit hours through Lackawanna College) Prerequisites: Honors Biology and Chemistry with minimum grade of 90% and above. The student must also achieve a 1570 or higher on the Biology Keystone Exam. The student must also show strong Algebra skills by scoring proficient on the Algebra Keystone exam.**

**AGRICULTURAL EXPERIENCE (COURSE #477):** Ag Experience is a course designed to discuss and research various areas in the agricultural field. The course is intended to allow for many field experiences in the local school setting. The students will also do a variety of research projects and reports exhibiting their knowledge of the topics that are discussed. Leadership skills will be expected of each student. In order to be enrolled in the vocational program and have a number of specific FFA opportunities, students must be enrolled in agricultural experience. Furthermore, in order to be in agricultural experience, one must take agriscience, ag biology, or environmental science in the 10th through 12th grade years (ag program sequence leading to an opportunity to take the NOCTI and receive a production agriculture certification). The enrollment of the course is limited due to the activities that take



place outside of the classroom. **Credit value: Credit 1. Prerequisite: FFA membership and another Ag course if in grade 10th-12th.**

## **BUSINESS DEPARTMENT**

Mrs. Brandy McRoberts

Mr. Robert Rockwell

### **Required Classes for 9th Grade**

Computer Applications or Technology in Action

### **Elective Classes for 9th Grade:**

Introduction to Business

Analytical Intro to Computer Science

### **Elective classes for 10th, 11th, 12th**

Accounting I Business Math Analytical Intro to Computer Science

Accounting II Business Law Introduction to Business

**9th Grader students must choose either Technology In Action or Computer Applications to count for 1 of their technology credits.**

**INTRODUCTION TO COMPUTER SCIENCE (COURSE #515):** This course introduces computer programming using the Python programming language. Emphasis is placed on procedural programming, algorithm design, and language constructs common to most high-level languages. A brief introduction to Python and Java. Upon completion, students should be able to design, code, test, and debug Python and Java language programs. **Credit value: 1 credit.**

**TECHNOLOGY IN ACTION (COURSE #516):** This course discusses the creation of the Internet and how it works among other various Internet applications and interactions. Additionally, students will be introduced to setting up their own wireless networks and securing your own device for online threats. Ultimately allowing the student to be more aware of how to use technology more effectively for their daily life. **Credit value: 1 Credit. Required course for graduation.**

**COMPUTER APPLICATIONS (COURSE #509):** This course provides an introduction to business and personal computer applications. Hardware and software components of computer systems are examined along with current issues and trends in the area of computer technology. The fundamentals of word processing, spreadsheets, databases, desktop publishing, and presentation graphics will be emphasized through the use of Microsoft Office's Word, Excel, Access, PowerPoint, and Publisher Applications as well as the Google Applications. **Credit value: 1 credit. Required course for graduation.**

## **BUSINESS DEPARTMENT ELECTIVES**

**ACCOUNTING I (COURSE #521):** A class for juniors and seniors. Accounting I provides complete coverage of three types of businesses – proprietorship, partnership, and corporation. Each type of business is presented in a complete accounting cycle covering analyzing transactions, journalizing, posting, petty cash, financial statements, and adjusting and closing entries. This class is recommended for those students planning on majoring in business in college. **Credit value: 1 credit. Prerequisite: Offered to 10th-12th grade students.**

**ACCOUNTING II (ADVANCED ACCOUNTING) (COURSE #522):** A class for those students who have successfully completed the Accounting I class. Accounting II covers departmentalized accounting, accounting control systems, accounting adjustments, management and cost accounting, and not-for-profit accounting. This class is recommended for those students planning on majoring in business in college. **Credit value: 1 credit. Prerequisite: Successful completion of Accounting I.**

**BUSINESS LAW (COURSE #524):** Business Law is a course in which students will be taught enough about law to guard themselves in ordinary everyday transactions. It is an attempt to aid the student in carrying out his/her daily business. Topics to be covered include law enforcement and the courts, crimes and torts, civil and criminal law,

protection for the owner and consumer, the law of contracts, legal and illegal agreements, all forms of insurance, and bailments of personal property. This course is a requirement for any business major in college. Activities include two mock trials to be held in class. **Credit value: 1 credit. Prerequisite: Offered to 10th-12th grade students.**

**BUSINESS MATH (COURSE #525):** This is a course which will help students prepare for today's careers in business and for life's everyday mathematical operations. The course is divided into five parts: Part I will develop basic skills in Business Math; Part II will deal with income, benefits, and payroll; Part III will cover borrowing and investing; Part IV will present the costs of home and automobile ownership; and Part V will cover business management and the cycle of manufactured goods. **Credit value: 1 credit. Prerequisite: Offered to 10th-12th grade students.**

**INTRODUCTION TO BUSINESS (COURSE #529):** An elective for 9th & 10th grade students. The course is divided into two parts-one for each semester. Semester one deals with the workforce, entrepreneurship, and small business. Characteristics of leadership in management and organizational structures are discussed. Semester two deals with management of personal finances, on-line banking, and checking accounts. Credit procedures, laws and problems with credit will also be discussed. All of this will aid the student with day to day finances of life. **Credit value: 1 credit.**

**ADVANCED COMPUTER APPLICATIONS (COURSE #510):** This course builds upon a student's understanding of the basic features and options in Microsoft Office applications and Google Applications. The course focuses on the more complex and advanced capabilities of the Applications. **Credit value: 1 credit. Prerequisite: Successful completion of Computer Applications with a minimum grade of 87%.**

#### **LANGUAGE DEPARTMENT**

Miss Ginnette Moskowitz

Educere Virtual Education

**SPANISH I (COURSE #609):** Spanish I Students begin communicating in Spanish using high frequency vocabulary and practice communicative skills (reading, writing, listening, and speaking.) By the end of Spanish 1, students can communicate in highly predictable settings in the present tense. Students connect Spanish to other subject areas and begin to compare cultures in Spanish-speaking countries to their own. **Credit value: 1 credit.**

**SPANISH II (COURSE #610):** Students continue learning to communicate in Spanish in predictable situations and can express themselves in a more detailed manner using high frequency vocabulary. They move from formulaic communication to creating language and start to communicate about past events and future. Students apply knowledge of cultures through artifacts, social interactions, and perspectives and can function in simple survival situations. **Credit value: 1 credit. Prerequisite: Successful completion of Spanish I.**

**\*SPANISH III (COURSE #611):** Students continue expanding their communication skills in Spanish. Students will continue to study grammar in context and will be able to begin to express themselves in Spanish in a wide variety of topics in a wide variety of situations. There is a focus on refining written and spoken language. Students move from the novice level to beginning to communicate at the intermediate level. Prerequisite: Successful completion of Spanish II and an 84% average. **Credit value: 1 high school credit. (For a fee, students can earn 3 college credit hours through Lackawanna College). Prerequisite: Successful completion of Spanish II and an 84% average.**

**SPANISH IV (COURSE #612):** Students become more independent learners in this course. They will use the language at an intermediate level and further refine grammar in context. Students are comfortable communicating on a wide variety of topics in various informal and formal situations in a variety of tenses. More emphasis is placed on using Spanish language resources designed for Spanish speaking audiences on a wide variety of topics and

demonstration of active knowledge in complex cognitive skills. Prerequisite: Successful completion of Spanish II and an 84% average. **Credit value: 1 credit. Prerequisite: Successful completion of Spanish III and an 84% average.**

**GERMAN I (COURSE #629):** {On-line Course offering} This course is designed at the novice level. Students first respond at the word level using memorized words and expressions but by the end of the course they respond using simple sentences in German. Students apply knowledge of cultures through foods, landmarks, holidays, social patterns, and perspectives. Students use German to connect with other subject areas to acquire information. There will be a shift from traditional to performance based assessments as students progress through this course. **Credit value: 1 credit**

**GERMAN II (COURSE #630):** {On-line Course offering} This course is designed at the intermediate low level. Students create sentences and ask questions. They function in simple survival situations. Students will now be able to maintain simple face to face conversations in highly predictable settings. Students apply knowledge of cultures through artifacts, social interactions, and perspectives. They use German to communicate and create in the second language. This course will be a combination of traditional and performance based assessments. **Credit value: 1 credit. Prerequisite: Successful completion of German I**

#### **FINE & PRACTICAL ARTS DEPARTMENT**

Mrs. Tammy MacWhinnie

Mr. Greg Bellows

Mr. Randy Frye

Miss Maureen Martz

Mr. Jeff Cooley

**TECHNICAL LIFE SKILLS 9 & 10 (COURSE #726 & #727)** This course is designed to teach students basic, hands-on skills and knowledge in areas designed to help them in everyday "life" situations. Students will learn how to understand, maintain, and fix problems associated with common issues in real world situations. Students will not only gain this knowledge, but will also have the opportunity to safely practice these skills in the classroom. There will be many thought provoking, problem solving, hands-on opportunities for these students to experience. This class will also give students the chance to experience possible work trades for future employment. **Credit value: .25 Credit each.**

**FAMILY DYNAMICS 9 (COURSE #739):** This is a 9-week course designed as an overview of all aspects of the Family and Consumer Science Standards set forth by the Pennsylvania Department of Education. Students will focus on the following units of study: Balancing Family, Work and Community Responsibility, Food Science and Nutrition, Housing and Textiles, Child Development, and Financial Resource Management. (There will be a class fee charged at the beginning of the course to cover all supplies needed for this class.) **Credit value: .25 credit.**

**CAREERS & EMPLOYABILITY SKILLS 10 (COURSE # 742):** This is a 9-week course designed to provide a more in-depth orientation into the world of work based on all aspects of the Career Education and Work standards set forth by the Pennsylvania Department of Education. Lessons are designed to introduce students to the technical nature of today's world and the role of productive workers. Activities enable students to increase self-awareness and make wise educational and occupational decisions as they plan for careers. **Credit value: .25 credit**

**NUTRITION, WELLNESS & FOOD SCIENCE (9th-12th)(COURSE #740):** This is a yearlong course designed to emphasize the Family and Consumer Science Standards set forth by the Pennsylvania Department of Education. Foods and Nutrition is a specially designed course with emphasis on helping students understand the significance of food, principles of nutrition, and the relationship of nutrition to health and well-being. This course offers students opportunities to develop skills in the selection, preparation, storing, and serving of food, meal management to meet individual and family nutritional needs across the life span, and optimal use of food resources. **Credit value: 1 credit.**

**INDEPENDENT LIVING & LIFE SKILLS LITERACY (9th-12th)(COURSE #741):** This is a yearlong course designed to emphasize the Family and Consumer Science Standards set forth by the Pennsylvania Department of Education.

This Course is designed to give students practical learning experiences and skills necessary for living on their own. Budgeting and personal finances, housing selection and legal responsibilities, transportation and insurance, food purchasing, clothing selection and care, and Interior Design are all topics covered in this course. **Credit value: 1 credit.**

**CHILD DEVELOPMENT & PLANNING (9th-12th)(Course #744):** This is a yearlong course designed to emphasize the Family and Consumer Science Standards set forth by the Pennsylvania Department of Education. This course is a specialized child development course that prepares students to understand the physical, social, emotional, and intellectual growth and development of children. The course is designed to help young people acquire knowledge and skills essential to the care and guidance of children as a parent or caregiver. Emphasis is on helping students create an environment for children that will promote optimum development. **Credit value: 1 credit.**

**WOODSHOP 10th-12th (COURSE #730):** Students will demonstrate the proper and safe operation of all tools and power machines. Students will be learning more advanced techniques of the construction of wood projects, such as drawer construction, door construction, mortise and tenon joints, and the making of raised panel doors. Students will work on their individual projects demonstrating several or all of these different types of project construction **Credit value: 1 credit. Prerequisite: Successful completion of Woodshop 9.**

**ART 9 (COURSE #749):** Art 9 is a general survey course designed to acquaint the student with the visual arts. We will introduce the building blocks of design and visual literacy through various art projects in drawing, painting, sculpture, and ceramics. **Credit value: .25 credit.**

**ART I 10th-12th (COURSE #750):** Art I is a foundation course designed to introduce students to the elements and principles of art. There will be heavy emphasis on drawing techniques, use of color and media exploration. Students will explore why man creates and begin to understand the meaning of art from a historical and cultural perspective. Visual problem solving and exploration of the creative process will be stressed. Open to students' grades 10th-12th with preference toward underclassmen. **Credit value: 1 credit.**

**ADVANCED ART I (COURSE #751):** Advanced Art I will be a continuation of technique and exploration of medal art with a shift toward the most important aspects of art, creative expression and visual communication. Students will be expected to solve problems. Visual communication will be the goal with class projects oriented toward exploring self, family and community, in a variety of media including: painting, drawing, ceramics, sculpture, stained glass, jewelry making and crafts. **Credit value: 1 credit. Prerequisite: Successful completion of Art I, with 77% or better.**

**ADVANCED ART II (COURSE #752):** Independent study is offered to the student interested in a concentrated, intensive study of a specialized area of art. The student must have completed the last offered course in a series to be eligible for an independent study. Students are accepted into the course with teacher recommendation and will be under the direction and advisory of the art teacher. The course is intended for students with a desire to study art after high school. Students will learn to express an inner voice and communicate through visual arts. The emphasis is on quality and craftsmanship. The final outcome will be a developed portfolio suitable for college admission. Community exhibition is required. Entrance to the course is by teacher recommendation and or portfolio review. Course is open only to upperclassmen. Pottery, Photography, Crafts: Metal, Fiber and Stained Glass. **Credit value: 1 credit. Prerequisite: Successful completion of Advanced Art I.**

**MUSIC THEATER WORKSHOP (COURSE # 792): Course Availability:** Students grades 9-12 **Course Academic Goals:** To educate students about musical theater and the many opportunities in the professional and academic theater world. To enhance students musical theater performance skills and abilities. To provide students with an opportunity to perform individual, partnered, and group projects in the musical theater world. **Course Requirements:** This is a performance based class. Students must be willing to perform for their classmates as well as a public performance during the semester. **Course Prerequisites:** There are no prerequisites. (It should be stressed to the

students that they will have to give a public performance to pass this class.) Students not able to perform will receive an automatic 0 for the semester grade. **Course Learning Objectives:** This course is designed so that students will be able to: Demonstrate knowledge of musical theater performances, performers, practices, and theater personnel. Differentiate among multiple types of musical theater traditions. Critically examine musical theater texts, both past and present. Evaluate issues at the intersection of musical theater and diversity. Demonstrate self-reflexive musical theater performances and history. Create musical theater [projects using technology (i.e., review, report, performance)]. **Credit Value: 1 Credit**

**MUSIC THEORY I and II (COURSE #760 & #761):** These courses are designed to help students develop an understanding of music theory. The objectives are to learn the musical language and grammar, harmonic analysis and part writing which will lead to a more thorough understanding of music composition and theory. There will also be a focus on ear training and skills necessary for sight reading music literature. Music Theory II will follow the same concepts but increase in difficulty. **Credit value: 1 credit. Prerequisite: Students must have participated in a music ensemble, taken private lessons or should be considering a career in the field of music.**

**SENIOR HIGH CHORUS (COURSE #769):** This is a course that is divided into three areas: rehearsals including in-class evaluations, voice tests, and performances. At the beginning of each year students will receive a syllabus explaining each area and giving concert dates and performance expectations. The chorus rehearsals and voice tests are during school hours. Performances are 2-4 times per year and are mandatory for successful completion of the course. Chorus may be taken every day, or every other day if combined with the Senior High Band. **Credit value: 1 credit/year if taken 5 days per week, or .5 credit/year if combined with Senior High Band.**

**SENIOR HIGH CONCERT BAND (COURSE #779):** This is a course, which is divided into three areas: rehearsals, lessons, and performances. At the beginning of each school year, students will receive a packet that explains lesson procedures and gives a list of concerts. Rehearsals are during school hours, as are lessons. Performances are 2-3 times a year and are mandatory for successful completion of the course. Concert Band may be taken every day, or every other day if combined with Senior High Chorus. **Credit value: 1 credit/year if taken 5 days per week, or .5 credit/year if combined with Senior High Chorus. Prerequisite: Previous lessons taken on a band instrument or commitment to take lessons on a band instrument**

#### **WELLNESS DEPARTMENT**

Mr. Ben Rubert

Mr. Tim Ward

**PHYSICAL EDUCATION 9 (COURSE #809):** Activities throughout the year include Soccer, Aerobics, Volleyball, Obstacle Mat ball, Basketball, Fitness Testing, Softball, Badminton, and Track and Field. **Credit value: .25 credit. Required course in 9th grade. Prerequisite:**

**PHYSICAL EDUCATION 10 (COURSE #810):** Activities throughout the year include Badminton, Aerobics, Volleyball, Obstacle Mat ball, Fitness Testing, Soccer, Track and Field, and Softball. **Credit value: .25 credit. Required course in 10th grade. Prerequisite: Successful completion of Physical Education 9.**

**PHYSICAL EDUCATION 11 (COURSE #811):** Activities throughout the year include Archery, Golf, Flying Disc, Bowling, Badminton, Lacrosse, Aerobics, Volleyball, PickleBall, Weight Lifting, Indoor Soccer, Obstacle Mat ball, Basketball, Fitness Testing, Softball, and Adventure Activities. **Credit value: .5 credit. Required course in the 11th grade. Prerequisite: Successful completion of Physical Education 10.**

**PHYSICAL EDUCATION 12 (COURSE #812):** Activities throughout the year include Golf, Flying Disc, Badminton, Lacrosse, Aerobics, Volleyball, PickleBall, Indoor Soccer, Obstacle Mat ball, Basketball, Fitness Testing, Softball, and Adventure Activities. **Credit value: .5 credit. Required course in the 12th grade. Prerequisite: Successful completion of Physical Education 11.**

**HEALTH 10 (COURSE #813):** This course is designed to address the state academic standards for Health in grade 10. It covers the topics of mental and emotional health, human growth, development, and nutritional choices. **Credit value: .25 credit. Required course in 10th grade. No prerequisite.**

### **WELLNESS ELECTIVES**

**STRENGTH AND CONDITIONING I (COURSE #822):** The student will develop an understanding of how to improve physical performance in a sports setting. **Credit value: 1 credit. No prerequisite.**

- Muscles
- Basic kinesiology
- Strength and power
- Nutrition

**STRENGTH AND CONDITIONING II (COURSE #823):** This course will expose students to the techniques and training principles of modern strength and conditioning as it applies to athletic and sport settings. Principles of strength, power, plyometrics, speed, speed endurance, endurance, mobility, flexibility, and balance training will be emphasized.

- Students will be required to create their own fitness plan. **Credit value: 1 credit. Prerequisite: Successful completion of Strength and Conditioning I.**

### **ACADEMIC PROGRAM GUIDE**

#### **GRADUATION REQUIREMENTS**

Graduation requirements for current year and beyond: 22.25

Also, according to Chapter 4 Regulations of the 22 Pa. Code 4.51, all students in classes 2020 and beyond must meet proficiency on the Algebra I, Biology, and Literature Keystone Exams in order to graduate.

<b><u>Courses</u></b>	<b><u>Credits</u></b>
ENGLISH	4.0
SCIENCE	3.0 or 4.0
MATHEMATICS	3.0 or 4.0 (Science and Math must total 7)
SOCIAL STUDIES	3.0
COMPUTER/TECHNOLOGY	2.0
PHYSICAL EDUCATION	1.5
ELECTIVES	4.0
HEALTH	0.25
COMMUNITY SERVICE	0.50
TOTAL	22.25

### **ACADEMIC GRADUATION AND PROMOTION**

At the junior high level (7th/8th grade), promotion is based on major classes successfully passed. At the senior high level (9th-12th), students will stay with their 4-year cohort until the end of 11th grade; at which point they will be retained if they are still lacking the credits/requirements needed to graduate.

Students who do not demonstrate expected levels of achievement in any subject area must meet accepted levels prior to continuing in that subject sequence as defined by the Academic Course Description. It is entirely possible that a student will need more than four years to meet diploma requirements; therefore, it is the student's responsibility to use whatever options available to meet course requirements which are as follows:

1. Summer school
2. Reschedules needed classes for the following semester, if possible, in proper sequence. Failed courses take precedence in scheduling for the following year(s). However, a full academic load (7.5 credits) will be scheduled.
3. Extended time: Second year seniors take only courses required.

Graduation requirement details are located in Board Policy No. 217. If there are any questions concerning course selection, course sequence, credits earned, contact the Canton High School Guidance Office at 673-5134 or 673-3000

### **GRADING SCALE**

<b><u>Number from and to</u></b>	<b><u>Alpha</u></b>	<b><u>4.0 equivalent</u></b>
69-below	F	0.00
70	D	1.00
71	D	1.16
72	D	1.32
73	D	1.48
74	D	1.64
75	D	1.80
76	D	1.96
77	C	2.00
78	C	2.10
79	C	2.20
80	C	2.30
81	C	2.40
82	C	2.50
83	C	2.60
84	C	2.70
85	C	2.80
86	C	2.90
87	B	3.00
88	B	3.16
89	B	3.32
90	B	3.48
91	B	3.64
92	B	3.80
93	B	3.96
94-100	A	4.00

### **HONOR ROLL**

Canton High School honor roll is determined by the following:

1ST HONOR ROLL= A GPA OF 93.50 TO 105.00 with a minimum grade in one class no lower than 86.50

2ND HONOR ROLL= A GPA OF 86.50 TO 105.00 with a minimum grade in one class no lower than 81.50

## **REPORT CARDS**

There are (4) nine-week marking periods called “terms” in a school year. Report cards are issued via portal shortly after the close of a term.

## **MARKING SYSTEM**

The marking system used in Canton Jr/Sr High School is based on the percentage system. Each nine weeks a grade is determined by averaging a preplanned combination of: class work, homework, tests, quizzes, extra work, research, reports, and at least one major test. Tests may be a unit test or a series of tests covering the nine weeks. Tests and other items may carry more weight. It is important that each teacher has definite criteria for the determination of report card grades. Each teacher should inform the students of the exact factors and grading for each subject and will strive to be scientific and fair in the calculation of grades. This will help the student interpret the grades and challenge the student in every phase of the subject. **All English, Math, Science and Social Studies courses in grades 7-12 will require a mid-term and final exam. These exams are at the teacher's discretion and can be a project, research paper, multiple choice, short answer, scantron test, and/or final speech. (etc.)**

## **CLASS RANK**

A Student's class rank will be determined from the final grades obtained during the 9th, 10th, 11th and 12th grade. Each subject is weighted according to the degree of difficulty. Only subjects with a .5(half) credit or more will be used for ranking.

In order to be included with their class for a class ranking, students must be enrolled at Canton School District for at least four (4) complete consecutive semesters up to and including their last semester prior to graduation.

Class Rank will be determined by a weighted average based on the following formula:

$$[\text{Sum (Grades X Credits Attempted X Weights)}] / [\text{Sum of Credits}]$$

These weights will be used for the class rank formula:

Level 1 = 1.00    Level 2 = 1.00    Level 2.5 = 1.03    Level 3 = 1.06

## **Course Levels**

<b><u>Course Number</u></b>	<b><u>Name</u></b>	<b><u>Credits Course</u></b>	<b><u>Level 1</u></b>
811	P.E. 11	0.500 credit(s)	Level 1
812	P.E. 12	0.500 credit(s)	Level 1
<b><u>Course Number</u></b>	<b><u>Name</u></b>	<b><u>Credits Course</u></b>	<b><u>Level 2</u></b>
109	English 9	1.000 credit(s)	Level 2
110	English 10	1.000 credit(s)	Level 2
111	English 11	1.000 credit(s)	Level 2
112	English 12	1.000 credit(s)	Level 2
113	Technical Eng 12	1.000 credit(s)	Level 2
132	Movie Studies	1.000 credit(s)	Level 2
209	Am. Hist. I	1.000 credit(s)	Level 2
210	Am. Hist. II	1.000 credit(s)	Level 2
211	World Cult.	1.000 credit(s)	Level 2
212	Civics/Government	1.000 credit(s)	Level 2
217	Modern America	1.000 credit(s)	Level 2
309	Pre-Algebra	1.000 credit(s)	Level 2
310	Algebra I	1.000 credit(s)	Level 2
311	Geometry/Trig	1.000 credit(s)	Level 2
312	Algebra II	1.000 credit(s)	Level 2



318	Consumer Math	1.000 credit(s)	Level 2
319	Applied Math	1.000 credit(s)	Level 2
320	Keystone Algebra	1.000 credit(s)	Level 2
325	Trigonometry	1.000 credit(s)	Level 2
327	Technical Algebra	1.000 credit(s)	Level 2
328	Algebra 1-A	1.000 credit(s)	Level 2
329	Algebra 1-B	1.000 credit(s)	Level 2
409	Earth & Space Science	1.000 credit(s)	Level 2
410	Biology I	1.000 credit(s)	Level 2
411	Chemistry I	1.000 credit(s)	Level 2
417	Chemistry & The Envir	1.000 credit(s)	Level 2
417	Ecology	0.500 credit(s)	Level 2
418	Applied Bio/Chemistry	0.500 credit(s)	Level 2
422	Agricultural Biology	1.000 credit(s)	Level 2
423	Agricultural Science	1.000 credit(s)	Level 2
424	Ag Teach Lab Assist	1.000 credit(s)	Level 2
427	Astronomy	1.000 credit(s)	Level 2
432	Environmental Science	1.000 credit(s)	Level 2
466	General Science	1.000 credit(s)	Level 2
477	Ag Experience	1.000 credit(s)	Level 2
509	Computer Apps	1.000 credit(s)	Level 2
510	Adv. Computer Apps	1.000 credit(s)	Level 2
515	Anal Intro to Comp Sci	1.000 credit(s)	Level 2
516	Technology in Action	1.000 credit(s)	Level 2
521	Accounting I	1.000 credit(s)	Level 2
522	Account. II	1.000 credit(s)	Level 2
524	Business Law	1.000 credit(s)	Level 2
525	Business Math	1.000 credit(s)	Level 2
529	Intro. to Business	1.000 credit(s)	Level 2
540	Yearbook I	1.000 credit(s)	Level 2
541	Yearbook II	1.000 credit(s)	Level 2
609	Spanish I	1.000 credit(s)	Level 2
610	Spanish II	1.000 credit(s)	Level 2
629	German I	1.000 credit(s)	Level 2
630	German II	1.000 credit(s)	Level 2
730	Wood. 10-12	1.000 credit(s)	Level 2
740	Fam/Con Sci 10-12 I	1.000 credit(s)	Level 2
740 (New 20-21)	Nutrition, Wellness, Food	1.000 credit(s)	Level 2
741	Fam/Con Sci 11-12 II	1.000 credit(s)	Level 2
741 (New 20-21)	Independent Living/Life	1.000 credit(s)	Level 2
744	FCCLA	1.000 credit(s)	Level 2
744 (New 20-21)	Child Dev.& Parenting	1.000 credit(s)	Level 2
750	Art I	1.000 credit(s)	Level 2
751	Advanced Art I	1.000 credit(s)	Level 2
752	Advanced Art II	1.000 credit(s)	Level 2
760	Music Theory I	1.000 credit(s)	Level 2
761	Music Theory II	1.000 credit(s)	Level 2
763	Voice Class I	1.000 credit(s)	Level 2
764	Voice Class II	1.000 credit(s)	Level 2
769	Sr Chorus	1.000 credit(s)	Level 2

779	Sr Band	1.000 credit(s)	Level 2
822	Strength/Cond. I	1.000 credit(s)	Level 2
823	Strength/Cond. II	1.000 credit(s)	Level 2
815	Lifetime Health	1.000 credit(s)	Level 2
935	NTCC Major Sr	4.000 credit(s)	Level 2
936	NTCC Major Jr	4.000 credit(s)	Level 2
937	NTCC Major Soph	4.000 credit(s)	Level 2
<b><u>Course Number</u></b>	<b><u>Name</u></b>	<b><u>Credits Course</u></b>	<b><u>Level 2.5</u></b>
119	Honors English 9	1.000 credit(s)	Level 2.5
120	Honors English 10	1.000 credit(s)	Level 2.5
121	Honors English 11	1.000 credit(s)	Level 2.5
126	Comp. I	1.000 credit(s)	Level 2.5
129	Public Speaking I	1.000 credit(s)	Level 2.5
214	Honors World Cultures	1.000 credit(s)	Level 2.5
218	Honors Modern Am.	1.000 credit(s)	Level 2.5
219	Honors Am. History I	1.000 credit(s)	Level 2.5
220	Honors Am. History II	1.000 credit(s)	Level 2.5
222	General Psychology	1.000 credit(s)	Level 2.5
224	Honors Civics	1.000 credit(s)	Level 2.5
313	Pre-Calculus	1.000 credit(s)	Level 2.5
314	Calculus	1.000 credit(s)	Level 2.5
317	Statistics	1.000 credit(s)	Level 2.5
322	Honors Alg. II	1.000 credit(s)	Level 2.5
323	Honors Pre-Calc	1.000 credit(s)	Level 2.5
331	Honors Geo/Trig	1.000 credit(s)	Level 2.5
412	Physics I	1.000 credit(s)	Level 2.5
413C	Chemistry II	1.000 credit(s)	Level 2.5
413P	Physics II	1.000 credit(s)	Level 2.5
420	Honors Biology	1.000 credit(s)	Level 2.5
421	Anatomy & Physiology	1.000 credit(s)	Level 2.5
425	Honors Chemistry I	1.000 credit(s)	Level 2.5
611	Spanish III	1.000 credit(s)	Level 2.5
612	Spanish IV	1.000 credit(s)	Level 2.5
621	French III	1.000 credit(s)	Level 2.5
622	French IV	1.000 credit(s)	Level 2.5
<b><u>Course Number</u></b>	<b><u>Name</u></b>	<b><u>Credits Course</u></b>	<b><u>Level 3</u></b>
122	AP English 12/Comp II	1.000 credit(s)	Level 3
221	AP Psychology	1.000 credit(s)	Level 3
226	AP US Government	1.000 credit(s)	Level 3
426	AP Biology	2.000 credit(s)	Level 3
434	AP Environmental Sci	1.000 Credit(s)	Level 3

### **ACADEMIC INTEGRITY**

Canton Area School District encourages honest and responsible behavior by requiring that all students engage in academic integrity. The Board adopts a district-wide policy promoting academic integrity and will not tolerate any form of academic dishonesty.

Academic dishonesty includes, but is not limited to the following (whether done during or outside school hours): copying another student's homework, projects, quizzes or tests; falsifying lab results; plagiarizing (copying/paraphrasing information from a book, magazine, newspaper, or the Internet without giving credit to the

author); fabricating of information or citations; pre-exam access to test forms; unauthorized use of aids during tests or assignments; and, providing other student(s) the opportunity to take part in activities defined as academic dishonesty.

At the beginning of each school year, at the beginning of each course for those courses lasting less than one academic year, or whenever a new student enrolls, it is the responsibility of each teacher to provide students with information regarding academic integrity relative to the course.

If a teacher believes that a student has participated in academic dishonesty, the situation will be discussed with the student, appropriate school personnel and the student's parent/guardian. The teacher will submit a discipline referral to the principal or to his/her designee.

If academic dishonesty (excluding plagiarism) is substantiated, the student will receive a failing grade of zero for the assignment or assessment. For those instances of plagiarism, infractions will be evaluated on a case-by-case basis.

### **INCOMPLETE COURSE REQUIREMENTS**

Students whose required work for any marking period that is not complete when due, may be given an incomplete (I) on their report card. This depends upon the circumstances and at the discretion of the teacher.

A student with an "incomplete" will be given a specified deadline to complete the work not to exceed two weeks past their report card issued date, unless there are extenuating circumstances. Failure to satisfy the deadline will result in the grade becoming a failing mark: below 70. The incomplete grade will be changed by the teacher and reported to the guidance office. Any student who, for any reason, has not taken a scheduled final examination receives a "0" for the exam grade.

Any student who is ABSENT on the day of a final exam must produce a legal excuse for the absence. Otherwise, a grade of "0" will be recorded for the exam.

### **EARLY GRADUATION**

A written request initiated by the student and signed by both the student and parent/guardian must be made by the beginning of the second semester of their sophomore year. (This usually falls in the middle of January)

This request stating your reasons for wanting to graduate early (in letter format) must be given to the guidance counselor. In order to be eligible to graduate early, a student must be on track to earn the minimum number of credits for graduation, completed all required courses, completed sixty hours community service, and have passed the Keystone exams with a proficient score or better, by the end of their sophomore year. (10th grade)

Once approved by the principal, the student will be notified as to whether their request is granted or denied. Early graduation is a privilege and can be annulled by the principal at any time.

- A student must have maintained an overall cumulative average of 82% or better in their freshman and sophomore years.
- A letter will be provided to the principal from the guidance counselor to verify that the requirements have been completed and this information will be provided to the student and parent/guardian.
- You will be listed as an eleventh grader at the beginning of the school year and placed in an eleventh grade homeroom. Your grade status will change in January at the beginning of the third marking period to a senior status (your homeroom will NOT change) as long as you are maintaining acceptable grades and attendance.
- For students who opt to graduate early and meet ALL requirements, a Canton Area School District diploma will be awarded at commencement exercises in the spring.

Please be advised that if you graduate early from Canton Area Jr/Sr High School, your rank will be figured at the end of your junior year. You will not be re-ranked with the graduating class.

- Your GPA will also be figured at the end of your junior year. You will not be given a different GPA with the graduating class. Example: If you are supposed to graduate with the class of 2023 and you choose to graduate in 2022, your class rank and GPA will be figured with your original class of 2023
- You will NOT be eligible for CHS awards at commencement. Your decision to graduate early may or may not affect scholarships and awards from outside sources.
- You will be eligible to participate in all senior activities and courts except for CKU privileges. Including: senior class trip, graduation overnight trip, powder puff football, senior night for sports, May Day, Senior Prom Court, Homecoming Court and any and all fundraisers done by the senior class.
- You will NOT be eligible to attend the junior class trip or be eligible for junior prom court
- Once you have committed and been approved for early graduation, you may not change your mind and rescind your decision.

If you have questions, you must contact the guidance office for an explanation prior to deciding to graduate early. A contract must be signed by the student, parent/guardian stating that you understand and agree with all the requirements and stipulations that go along with graduating early.

### **DELAYED GRADUATION**

A student who fails to meet any of the requirements for graduation from the Canton Area School District when scheduled, may later qualify for his/her diploma under the following conditions:

1. Complete the required make-up in summer school (local assessments, community service, required courses) during the summer immediately following the senior year prior to June 30th.
2. The GED program –If any questions about obtaining your GED, please contact Bradford County Action at 570-265-4434.
3. Return to Canton Jr/Sr High School the following year.

NOTES:


Revised: March 23, 2022