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INTRODUCTION

This COURSE SELECTION GUIDE has been developed to enable students together with the help of their parents, school counselor, and teachers to set educational and vocational goals for themselves. Course selection should not be viewed as a one year at a time exercise, but as a four year long master plan.

ODD/EVEN DAY CYCLE

Sayre Area High School operates on an eight (8) period day with an additional thirty (30) minute lunch period. A normal class load is seven (7) credits. The school schedule revolves around an odd/even schedule. Therefore, one half (1/2) credit courses can meet every other day (odd or even days) for the entire year or every day for a semester or eighteen (18) weeks. One quarter (1/4) credit courses will meet every other day (odd or even days) for a semester or eighteen (18) weeks).

SCHEDULING

Students should begin to develop a plan for after high school: post-secondary education, military, or employment. Students should put time and effort into the course selection process. Scheduling should compliment those choices. The selection of courses and area of concentration should be a joint effort involving the student, the parents, and the teachers.

Students or parents who would like a conference with Mrs. Richmond, the School Counselor, are encouraged to contact the Guidance Office at 888-2190.

AFTER THE START OF SCHOOL, STUDENTS WILL BE GIVEN A TWO-WEEK TIME SPAN TO MEET WITH THE SCHOOL COUNSELOR TO DISCUSS PROBLEMS WITH THEIR SCHEDULE. AFTER THAT TWO WEEK PERIOD, ALL SCHEDULES ARE FINAL. **Exceptions will be made and only granted in extreme situations and only with the approval of the high school administration.**

SAYRE AREA JR. SR. HIGH SCHOOL

GUIDANCE OFFICE

331 WEST LOCKHART STREET

SAYRE, PA 18840

(570) 888-2190

School Counselor – Stacy Richmond

Guidance Secretary - Debra Brandt

School CEEB Code – 394375

Web Site – <http://www.sayresd.org>

COURSE LEVELS

Accelerated College Education (ACE): Courses with this description offer college credit through Corning Community College. Students who wish to receive college credit are given the opportunity to pay for the course at a reduced fee or they may take the course for high school credit only with no fee attached. Students who sign up for an ACE course will be automatically registered through Corning Community College. If a student chooses not to pay the fee, they need to contact Corning Community College by the deadline (which they will be made aware of). If the student does not contact Corning Community College by the deadline, they will be billed and expect to pay the fee.

Advanced Placement (AP): Students who take these courses receive high school credit but have the option to take an Advanced Placement Exam at the end of the course for possible college credit. **The AP Exam(s) must be paid for by the student in advance of the testing date if the student chooses to take the exam(s).**

Honors (H) – Courses that present material for gifted and highly motivated students.

College Prep (CP) – Challenging courses designed for those students who plan to continue their education after graduation.

General (G) – Basic level courses for students who plan to go to two year programs (community college, trade, technical, or business school) or enter the work force after graduation.

**STUDENTS ARE PLACED IN THE ABOVE LEVELS BY TEACHER
RECOMMENDATION. ANY QUESTIONS REGARDING PLACEMENT LEVEL
SHOULD BE DIRECTED TO THE TEACHER.**

GRADING SCALE

<u>Numerical Grade</u>	<u>Letter Grade</u>
93 to 100	A
85 to 92	B
77 to 84	C
70 to 76	D
69 & Below	F

COLLEGE PREPARATORY

The College Preparatory program places emphasis on languages, mathematics, and the sciences. This program is tailored to prepare students who wish to continue their formal education at a college or university. While this offering is obviously required for the college bound, it is also valuable for any student who is interested in continuing with an educational program after high school. It allows for greater career options in later years.

Grade 9

English 9 CP or H
American History 1 CP
Physical Science CP
Algebra 1 or Algebra 2
French 1 or Spanish 1
Phys. Ed./Office 2000
One elective *

Grade 10

English 10 CP or H
American History 2 CP
Biology 10CP
Algebra 2 or Algebra 3
French 2 or Spanish 2
Phys. Ed./Driver's Ed./SAT Prep
One elective *

Grade 11

English 11 CP or H
World Cultures CP
Chemistry CP
Algebra 3/Pre-Calculus/Calculus
Phys. Ed./Health
Two electives*

Grade 12

English 12 CP or H
Senior Social Studies
Physics and/or Biology 2 and/or Chemistry 2
Pre-Calculus, Calculus, Statistics
Phys. Ed.
One elective *

An elective is any course, which is not specifically required for graduation. Students may choose any elective, provided that they are in the appropriate grade and have completed any pre-requisite.

SENIOR PROJECT COURSE DESCRIPTION

The Senior Project is a graduation requirement required of all students by the Pennsylvania State Board of Education. It is designed to represent an exhibition of the skills a senior has learned throughout their high school experience. The project consists of a research paper, oral presentation, reflective paper, tangible “final product”, and a documentation of at least 30 hours of independent work. There is no class time assigned to completing the project, but a student is given an advisor and a scheduled presentation date and time. A committee of faculty members reviews the project to determine if it meets the guidelines for graduation. Advisor – Mr. Pipher (jpipher@sayresd.org)

GRADUATION CREDITS	
Requirements	
4 Credits	English
4 Credits	Social Studies American History 1 American History 2 World Cultures Senior Social Studies
3 Credits	Mathematics
4 Credits	Science
2 1/2 Credits	Health and Physical Education
1/4 Credit	Driver Education
2 Credits	Arts/Humanities Family and Consumer Science Music Industrial Arts Art Foreign Languages
4 Credits	Electives
1/2 Credit	MS Office
	Graduation Project
24 Credits	Total

Students must be scheduled for a **minimum** of six and one-half (6-1/2) credits per year.

To Be Promoted To Grade	Credits Earned
10	6 Credits
11	12 Credits
12	18 Credits
Graduation	24 Credits

COURSE OFFERINGS

ENGLISH

English 9 H
English 9 CP
English 9 G
English 10 H
English 10 CP
English 10 G
English 11 H
English 11 CP
English 11 G
Public Speaking
English Composition
Journalism 1
Journalism 2
Journalism 3
Yearbook
English 12 AP/ACE
English 12 CP
English 12 G

SOCIAL STUDIES

American History 1 CP
American History 1 G
American History 2 CP
American History 2 G
World Cultures CP
World Cultures G
American Political System
American Civil Rights Movement
Ancient European History
Modern European History
Modern American History
Sports in History
American Law
World Military History

SCIENCE

Science 9 CP
Science 9 G
Biology CP
Biology G
Chemistry CP
Chemistry G
Biology 2 CP
Chemistry 2 CP/ACE
Science Today
Physics CP

MATHEMATICS

Pre-Algebra
Algebra $\frac{3}{4}$
Algebra 1/Geometry CP
Algebra 1-1/2
Algebra 2/Geometry/Trigonometry CP
Algebra 3/Geometry/Trigonometry CP
Pre-Calculus CP
Statistics CP /ACE
Modeling Our World
Calculus CP/ACE

STUDENT ENHANCEMENT

PSSA Prep
SAT/ACT Prep

BUSINESS

Virtual Business
Accounting 1
Management & Marketing
MS Office (Grade 9)
Computer Apps CP/ACE
Web Page Design
Law for Business & Personal Use

FOREIGN LANGUAGE

French 1
French 2
French 3 CP
French 4 CP
Spanish 1
Spanish 2
Spanish 3 CP
Spanish 4 CP

FAMILY AND CONSUMER SCIENCE

Family & Consumer Science 1
Family & Consumer Science 2
Single Living
Clothing & Crafts
Food Service

INDUSTRIAL ARTS TECHNOLOGY

Wood Shop 1
Wood Shop 2
Metal Shop 1
Basic Mechanical Drawing
Basic Electricity & Electronics

PRE-ENGINEERING AND ENGINEERING TECHNOLOGY

Intro to Engineering Design
Principles of Engineering
Digital Electronics
Computer Integrated Manufacturing
Civil Engineering & Architecture
Engineering Design and Development

MUSIC

Instrumental Music 9-12
Vocal Music 9-12
Music Theory

PHYSICAL EDUCATION

Driver Education
Health 11
Fitness for Life
Physical Education 9-12

ART

Design
Ceramics/Sculpture
Oil/Water Painting
AP Studio Art
Studio Art
Computer Graphics

VOCATIONAL-TECHNICAL COURSES

Auto Body & Fender Repair
Automotive Technology
Diesel Mechanics
Building Construction
Cosmetology
Computer Servicing Technology
Electrical Occupations
Food Management
Health Assistant
Medical Office Assistant
Precision Machining

ENGINEERING PROGRAM REQUIREMENTS

1. Completion of Algebra 1 to begin program.
2. You must have a 93% overall average and/or principal or guidance counselor's recommendation.
3. Behavior will be strongly considered.
4. Interview required with principal and guidance counselor prior to enrollment in the program.

PRE-ENGINEERING AND ENGINEERING TECHNOLOGY

INTRODUCTION TO ENGINEERING DESIGN (IED) 1 Year 1 Credit Grades 9-12

INTRODUCTION TO ENGINEERING DESIGN – IED is an introductory course, which develops student problem solving skills, with emphasis placed upon the concept of developing a 3-D model or solid rendering of an object. Students focus on the application of visualization processes and tools provided by modern, state-of-the-art computer hardware and software. The course will emphasize the design development process of a product and how a model of that product is produced, analyzed and evaluated, using a Computer Aided Design System. By qualifying for and passing the college credit exam at the end of this course, the student is eligible to earn 4 transcribed undergraduate credits from Rochester Institute of Technology.

PRINCIPLES OF ENGINEERING (POE) 1 Year 1 Credit Grades 10-12

PRINCIPLES OF ENGINEERING – Prerequisite: Introduction to Engineering Design. POE is a broad-based survey course designed to help students understand the field of engineering and engineering technology and its career possibilities. Fundamental principles of engineering including dynamics and kinematics, machines, hydraulics, pneumatics, thermodynamics and strength of materials are discussed in preparation of the mechanical and civil engineering disciplines. By qualifying for and passing the college credit exam at the end of this course, the student is eligible to earn 4 transcribed undergraduate credits from Rochester Institute of Technology.

DIGITAL ELECTRONICS (DE) 1 Year 1 Credit Grades 10-12

DIGITAL ELECTRONICS – DE is a course of study in applied digital logic. The course is patterned after the first semester course in Digital Electronics taught in two and four year colleges. Students will study the application of electronic logic circuits and devices and apply Boolean logic to the solution of problems. Such circuits are found in watches, calculators, video games, computers and thousands of other devices. The use of smart circuits is present in virtually all aspects of our lives and its use is increasing rapidly, making digital electronics an important course of study for a student exploring a career in engineering or engineering technology. By qualifying for and passing the college credit exam at the end of this course, the student is eligible to earn 4 transcribed undergraduate credits from Rochester Institute of Technology.

COMPUTER INTEGRATED MANUFACTURING (CIM)	1 Year	1 Credit	Grades 10-12
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COMPUTER INTEGRATED MANUFACTURING (CIM) – This course builds upon the computer solid modeling design skills developed in Introduction to Engineering Design. Students will use Computer Numerical Control (CNC) equipment to produce actual models of their three dimensional designs. Fundamental concepts of robotics used in automated manufacturing and design analysis are also included. By qualifying for and passing the college credit exam at the end of this course, the student is eligible to earn 4 transcribed undergraduate credits from Rochester Institute of Technology. (Will be taught alternating years with CEA. **Will be offered 2008/2009 school year.**)

CIVIL ENGINEERING AND ARCHITECTURE (CEA)	1 Year	1 Credit	Grades 10-12
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CIVIL ENGINEERING AND ARCHITECTURE (CEA) -- Prerequisite: Introduction to Engineering Design. The major focus of the Civil Engineering and Architecture (CEA) course is a long-term project that involves the development of a local property site. As the students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of this property. The course is structured to enable all students to have a variety of experiences that will provide an overview of both fields. Students will work in teams, exploring hands-on projects and activities to learn the characteristics of civil engineering and architecture. By qualifying for and passing the college credit exam at the end of this course, the student is eligible to earn 4 transcribed undergraduate credits from Rochester Institute of Technology. (Will be taught alternating years with CIM. **Will be offered 2007-2008 school year.**)

ENGINEERING DESIGN AND DEVELOPMENT (EDD)	1 Year	1 Credit	Grade 12
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ENGINEERING DESIGN AND DEVELOPMENT – Prerequisites: Introduction to Engineering Design and Principles of Engineering. In this course, students will work in teams of two to four to design and construct the solution to an engineering problem, (original, taken from a database of problems, or a national challenge) applying the principles developed in the four preceding courses. Students will maintain a journal as part of a portfolio of their work. Each team will be responsible for delivering progress reports and making final presentations of their project to an outside review panel. The completed portfolio will be invaluable as students apply to college.

LANGUAGE ARTS/ENGLISH

The following are the grade prerequisites for the selection of ENGLISH courses grades 9 - 12.

1. Honors courses 9 – 12:
Grade of 93% or English teacher's recommendation.
2. Advanced/College Prep courses 9 – 12:
Grade of 85% or English teacher's recommendation.
3. Students enrolled in a general English class may select an advanced/college prep or an honors course provided they have a 90% average and their English teacher's recommendation.

ENGLISH 9 H	1 Year	1 Credit	Grade 9
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ENGLISH 9 HONORS. This course is designed for the highly motivated, responsible student who has already demonstrated some mastery of English. It includes in-depth analysis of various genres of literature and composition activities that analyze and respond to materials covered. This course includes activities for building a more mature vocabulary, and implements editing skills that focus on usage, mechanics, and grammar to improve writing. A report card grade of a minimum of 93 in Advanced 8th Grade English or a 95 in Regular 8th Grade English is recommended, in addition to an English teacher's recommendation.

ENGLISH 9 CP	1 Year	1 Credit	Grade 9
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ENGLISH 9 COLLEGE PREP. This course is concerned primarily with continued advancement of skills for effective communication of written and oral language for analytical reading of literature. The study of selected readings in a variety of literature genres includes detailed discussions and analysis, compositions, and supplemental activities. This course also includes varied activities to improve writing, vocabulary, and critical thinking skills.

ENGLISH 9 G	1 Year	1 Credit	Grade 9
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ENGLISH 9 GENERAL. This course exposes to the student with limited language skills a variety of selected readings from many literature genres. Effective communication is emphasized in oral and written assignments. This course strives to instill a sense of responsibility and a respectful appreciation for reading, writing, grammar, and class discussions.

ENGLISH 10 H	1 Year	1 Credit	Grade 10
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ENGLISH 10 HONORS. This course is offered for students who have shown a high proficiency and appreciation of English. The thrust of the course will be toward a more intense study and analysis of several literary genres including drama, and toward developing effective expression of all types of writing. Grammar units covering phrases and clauses and vocabulary units focusing on higher level terminology will also be taught.

ENGLISH 10 CP	1 Year	1 Credit	Grade 10
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ENGLISH 10 COLLEGE PREP. College Preparatory English 10 is designed to prepare the individual student for post-secondary education. Through an intense study of literature, a student will become familiar with writing techniques utilized by renowned authors. Each student will demonstrate competency in grammar and vocabulary usage. By studying these three basic skills, the student then applies them to the fourth skill, composition. Through effective writing, the student sees the interrelationship of the basic skills and is thus prepared to accept assignments requiring the employment of all four skills.

ENGLISH 10 G	1 Year	1 Credit	Grade 10
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ENGLISH 10 GENERAL. This course is designed to meet the needs of the non-college bound student. Literature, grammar, composition, and vocabulary are the areas covered with a practical application in mind. Literature helps to create self-expression; grammar creates a correct pattern of usage; vocabulary increases the student's language usage; composition gives each student practice in using all techniques.

ENGLISH 11 H	1 Year	1 Credit	Grade 11
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ENGLISH 11 HONORS. This course is designed to challenge the able student who has an interest in language and literature. By studying American Literature, students will explore different forms of reading materials including novels, short stories, plays and poetry. By analysis, students will search for the writer's message and express this literary interpretation through oral and written criticism. Students will be assigned formal writing assignments including a referenced research paper.

ENGLISH 11 CP	1 Year	1 Credit	Grade 11
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ENGLISH 11 COLLEGE PREP. This course combines language, literature, and composition skills. Students practice and apply specific skills in reading, writing, speaking and listening. The course explores American Literature through the reading of novels, short stories, plays and poetry. Vocabulary studies are geared to the SAT. Students complete a referenced research paper.

ENGLISH 11 G	1 Year	1 Credit	Grade 11
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ENGLISH 11 GENERAL. This course emphasizes practical studies for those students who enter the working world upon graduation or who have had difficulty in advanced English. Extensive work is done to improve grammar, usage and mechanics. The student works to improve reading abilities through short stories and novels. Writing skills focus on compositions, and completing practical business forms, resumes and applications.

JOURNALISM 1, 2 and 3	1 Year	1 Credit	Grade 9,10, 11, 12
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JOURNALISM 1, 2 and 3.

- Prerequisite: English Teacher recommendation and a C average or higher in English.

This course is for the student with an interest in writing for publication. The class takes an in-depth look at journalism and mass communications. Students produce a school newspaper, *The Express*, using basic reporting and photojournalism skills. Students also contribute to the school's district-wide newsletter, *The Redskin Review*. After the successful completion of Journalism 1 and the instructor's recommendation, students may continue their study by taking Journalism 2 and Journalism 3. These students will be expected to take leadership positions in the class and on school publications.

YEARBOOK	1 Year	1 Credit	Grade 9,10, 11, 12
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YEARBOOK.

Prerequisite: Instructor's approval and C average or higher in English

This independent study course will produce the school's yearbook, *The Sayrenade*. Students must have a C average or higher in English and the recommendation of the class instructor. The class will work

independently on producing the yearbook including writing stories, taking photographs and laying out yearbook pages.

ENGLISH COMPOSITION	½ Year	½ Credit	Grades 11,12
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ENGLISH COMPOSITION.

- Prerequisite: English teacher recommendation and a C average or higher in English.

This course is designed to prepare the 11th and 12th grade English student for the college writing experience. It is a writing course; however, since a person's writing is a reflection of a person's thinking, it is also a thinking course. Students will practice and further develop their skills in clear, correct, and considered written expression of their ideas as well as producing well-reasoned and supported arguments. The course will incorporate in-class writing, longer compositions, and discussion. A research paper is required.

PUBLIC SPEAKING	½ Year	½ Credit	Grades 10,11,12
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PUBLIC SPEAKING.

- Prerequisite: English teacher recommendation and a C average or higher in English.

This course is designed to help 11th and 12th grade students gain ease and experience in communication skills. Small group, large group, and individual presentations will be utilized with emphasis on individual improvement and development of a natural style.

ENGLISH 12 AP/ACE	1 Year	1 Credit	Grade 12
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ENGLISH 12 ADVANCED PLACEMENT/HONORS/ACE. The work of the advanced placement course will be on the college level. Reading the works of world authors, probing for ideas and meanings, writing analyses and taking part in lively discussions will offer new experiences in English. Short stories, poetry, essays, novels and drama will be examined. Completion of two research papers is required. Students will be able to take the Advanced Placement Examinations for possible college credit upon completion of this course. Up to 6 credits can be earned from Corning Community College (CCC Course # ACE 1010 College Composition I and ACE 1020 College Composition II). Expenses for books will not exceed \$50.00 for the year.

ENGLISH 12 CP	1 Year	1 Credit	Grade 12
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ENGLISH 12 COLLEGE PREP. An intense study of British literature is the foundation of this course, designed to prepare the student for college level work after graduation. Paragraphs, developed in a variety of ways, compositions of different types, and critical papers comprise the major writing activities. Completion of a research paper and all ancillary activities is required. Mastery of written and spoken grammar is gained through writing and speaking activities. Collateral reading booklists and book reports encourage independent reading.

ENGLISH 12 G	1 Year	1 Credit	Grade 12
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ENGLISH 12 GENERAL. This course is designed to help students in their chosen vocations by emphasizing practical units of study and to prepare students for successful communication experiences in vocational, technical, and two-year college programs. Through analysis of literature, writing style is appreciated, vocabulary is broadened, and human behavioral patterns noted. Basic grammar is studied in terms of its application to acceptable written and spoken language practices. Critical thinking skills are

reinforced through practical applications of reading and discussion. Booklists and regular book reports support the concepts of independent reading. Completion of a research paper and all ancillary activities is required.

SOCIAL STUDIES

AMERICAN HISTORY I CP	1 Year	1 Credit	Grade 9
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AMERICAN HISTORY I G	1 Year	1 Credit	Grade 9
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AMERICAN HISTORY 1. This course is required of all ninth-grade students. American History I is a survey course of major themes in American History. The subject covers the time period of early exploration (1400's) to the Reconstruction Era after the Civil War (1870's.) It emphasizes the development of the American governmental system and its adaptation to the changing needs of American society.

AMERICAN HISTORY 2 CP	1 Year	1 Credit	Grade 10
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AMERICAN HISTORY 2 G	1 Year	1 Credit	Grade 10
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AMERICAN HISTORY 2. American History 2 traces American social, political, economic and geographic development from the end of reconstruction to the present. It emphasizes evolution of themes in response to continuously changing historical demands and conditions. Individual differences are served through the depth of coverage and type of tests.

WORLD CULTURES CP	1 Year	1 Credit	Grade 11
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WORLD CULTURES G	1 Year	1 Credit	Grade 11
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WORLD CULTURES. World Cultures is intended to give the student a global and interdisciplinary study of the geography, history and culture of regions throughout the world. Also, this course will stress on awareness of the world's traditions and current problems of mankind.

SENIOR SOCIAL STUDIES

All seniors must have a 70% or higher in both of their ½ credit courses. The two grades do NOT get averaged together.

AMERICAN CIVIL RIGHTS MOVEMENT	Sem 1	1/2 Year	½ Credit	Grade 12
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AMERICAN CIVIL RIGHTS MOVEMENT. A comprehensive history of the people, stories, events, issues, and legislation of the civil rights struggle in America. The focus of the course will be on the time period from 1954-1965.

WORLD MILITARY HISTORY	Sem 1	1/2 Year	½ Credit	Grade 12
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WORLD MILITARY HISTORY. A survey course which will provide the students with a look into the great military minds of the past and present. The students will be introduced to major battles as well as the impact of military actions on the modern world. The course is lecture based with video and supplemental readings. Major project and paper will be required.

ANCIENT EUROPEAN HISTORY (EURO HISTORY I)	Sem 1	1/2 Year	½ Credit	Grade 12
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ANCIENT EUROPEAN HISTORY. Class is an overview of events leading to the Middle Ages in Europe and a more detailed look at how society existed in the Middle Ages. Topics include a brief overview of ancient civilizations in Mesopotamia and the developments of the Greeks and Romans. More detail is included on the formation of feudal society, the manor system, the church, and generalities about Middle Ages peoples and society.

AMERICAN POLITICAL SYSTEM	Sem 1	1/2 Year	½ Credit	Grade 12
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AMERICAN POLITICAL SYSTEM. This course is designed to explore various facets of the American political system in theory and practice. It will emphasize the workings of the party system, elections, and interest groups as part of the overall structure of political behavior.

MODERN AMERICAN HISTORY	Sem 2	1/2 Year	½ Credit	Grade 12
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MODERN AMERICAN HISTORY. This course is intended to give the student a comprehensive study of the people, places and events of the Modern American history era covering the time period from 1945 - present. The course will focus on foreign relations, culture and diversity as it relates to America becoming a world power.

MODERN EUROPEAN HISTORY (EURO HISTORY II)	Sem 2	1/2 Year	½ Credit	Grade 12
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MODERN EUROPEAN HISTORY. This class continues where Ancient European History concluded. It is not necessary to take Ancient European History as a prerequisite, but it would be beneficial. Topics in this class include the formation of nations, England and France to the 100 Years War (the age of Kings), the 100 Years War, The War of the Roses, and England and France after the 100 Years War.

SPORTS IN HISTORY	Sem 2	1/2 Year	½ Credit	Grade 12
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SPORTS IN HISTORY. Topics include: evolution of major sports, influence of organization and technology, critics of sports, racism, the role of women and labor relations within sports, sports in the school, evolution of the NCAA, various sports heroes, and sports and culture, economic impact of sports.

AMERICAN LAW	Sem 2	1/2 Year	½ Credit	Grade 12
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AMERICAN LAW. Students will have an understanding of the United States legal system. They will be able to apply these laws to everyday life and understand the consequences of breaking the law.

MATHEMATICS

PRE-ALGEBRA	1 Year	1 Credit
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PRE-ALGEBRA.

- **Required average of 80% in Mathematics 87 or an average greater than or equal to 90% in the Math 76 course when taken in 6th Grade, and elementary teacher recommendation.**
- Calculators will not be permitted prior to Lesson #40. Scientific calculators with a fraction key are recommended for this course.
- **Completion of daily homework assignments is required.**

- **Course curriculum complies with PA Academic Standards for Mathematics.**

Pre-Algebra covers all the topics normally covered in a pre-algebra course as well as additional topics from geometry and discrete mathematics, and is recommended for use by seventh graders who plan to take first-year algebra in the eighth grade or by eighth graders who plan to take first-year algebra in the ninth grade. Students completing the program are expected to be well-versed in the following areas: fractions, decimals, mixed numbers, signed numbers, numbers in base 2, arithmetic operations involving all these forms of numbers, order of operations, percents, proportions, ratios, divisibility, rounding, place value, unit conversions, scientific notation, and word problems involving these pre-algebra concepts. Students are also introduced to rudimentary algebra topics such as the evaluation of algebraic expressions, simplification of algebraic expressions, and the solution of linear equations in one unknown. The course further includes geometric concepts and topics such as perimeter, area, surface area, volume, classification of geometric figures and solids, geometric constructions, and symmetry. All students will be required to learn math vocabulary and mathematical terminology specific to each course.

ALGEBRA 3/4

1 Year

1 Credit

ALGEBRA $\frac{3}{4}$.

- **Required average of 70% to 79% in Pre-Algebra.**
- **Completion of daily homework assignments is required.**
- Scientific calculators with a fraction key are required for this course.
- **Course curriculum complies with PA Academic Standards for Mathematics.**

The Algebra $\frac{3}{4}$ course is intended to improve the performance of the students having difficulty with the Pre-Algebra course. This course is not a repeat of Pre-Algebra but it does utilize the Pre-Algebra text. The Algebra $\frac{3}{4}$ course covers the Pre-Algebra text at an accelerated pace. Upon completion of the Pre-Algebra text the students begin working in the Algebra 1 text. It is intended that these students will be able to complete enough of the Algebra 1 text so as to be able to be very successful in an Algebra 1 course to be taken the following year.

ALGEBRA 1/GEOMETRY CP

1 Year

1 Credit

ALGEBRA 1/GEOMETRY CP.

- **Required average of 80% in Pre-Algebra or successful completion of Algebra $\frac{3}{4}$.**
- Scientific calculators with a fraction key are required for this course.
- **Completion of daily homework assignments is required.**
- **Course curriculum complies with PA Academic Standards for Mathematics.**

Algebra 1/Geometry covers the introductory topics of algebra while continuing the practice of higher arithmetic skills. Topics include order of operations, evaluation of algebraic expressions, solution of one-variable equations, evaluation of exponentials, rectangular coordinates, graphing linear equations, set notation, fractional part of a number problems, percent problems, square roots, domain, simplification of radical expressions, elimination method, factoring trinomials, scientific notation, systems of quadratic equations by factoring, coin problems, value problems, uniform motion problems, Pythagorean theorem, distance between two points, absolute value of inequalities, equation of a line through two points, and functional notation. All students will be required to learn math vocabulary and mathematical terminology specific to each course.

ALGEBRA 1-1/2/GEOMETRY

1 Year

1 Credit

ALGEBRA 1-1/2/GEOMETRY.

- **Required average of 70% to 79% in Algebra 1.**
- Scientific calculators with a fraction key are required for this course.
- **Completion of daily homework assignments is required.**

- **Course curriculum complies with PA Academic Standards for Mathematics.**

The Algebra 1-1/2 course is intended to improve the performance of the students having difficulty with the Algebra 1 course. This course is not a repeat of Algebra 1 but it does utilize the Algebra 1 text. The Algebra 1-1/2 course covers the Algebra 1 text at an accelerated pace. Upon completion of the Algebra 1 text the students begin working in the Algebra 2 text. It is intended that these students will be able to complete enough of the Algebra 2 text so as to be able to be very successful in a full Algebra 2 course to be taken the following year.

ALGEBRA 2/
GEOMETRY/TRIGONOMETRY CP

1 Year

1 Credit

ALGEBRA 2/GEOMETRY/TRIGONOMETRY CP.

- **Required average of 80% in Algebra 1 or successful completion of Algebra 1-1/2.**
- Scientific calculators with a fraction key are required for this course.
- **Completion of daily homework assignments is required.**
- **Course curriculum complies with PA Academic Standards for Mathematics.**

Algebra 2/Geometry/Trigonometry not only treats topics that are traditionally covered in second-year algebra, it covers a considerable amount of geometry. Specific algebra topics covered include: graphical solution to simultaneous equations, scientific notation, radicals, roots of quadratic equations including complex roots, properties of the real numbers, inequalities and systems of inequalities, exponential equations, basic trigonometric functions, algebra of polynomials, vectors, polar and rectangular coordinate systems, and a wide spectrum of word problems requiring algebra to solve. Students completing this course will have studied the equivalent of one semester of informal geometry. Applications to other subjects such as physics and chemistry as well as "real-world" problems are covered including gas law, force vector, chemical mixture, percent markups, etc. Set theory, probability and statistics, and other topics are also treated. All students will be required to learn math vocabulary and mathematical terminology specific to each course.

ALGEBRA 3/
GEOMETRY/TRIGONOMETRY CP

1 Year

1 Credit

ALGEBRA 3/GEOMETRY/TRIGONOMETRY CP.

- **Successful completion of Algebra 2 and teacher recommendation.**
- Scientific calculators are required for this course.
- **Completion of daily homework assignments is required.**
- **Course curriculum complies with PA Academic Standards for Mathematics.**

This course interweaves topics from algebra, geometry, trigonometry and discrete mathematics to form a fully integrated curriculum. Students are required to learn how to solve problems by hand. Specific topics include the fundamental counting principal, permutations and combinations, inverse trigonometric functions, conic sections, graphs of sinusoids, rectangular and polar coordinates, angles of elevation and depression, functions, domain and range, forms of linear equations, factorials, translations, sigma notation, distance formula, midpoint formula, radians, exponential functions, and proofs of the quadratic formula and the laws of logarithms, equations of lines, quadratic equations, and geometry review. Word problems are developed through the problem sets and become progressively more elaborate and difficult. The word problems are highly abstract and require students to manipulate symbols in complex ways. All students will be required to learn math vocabulary and mathematical terminology specific to each course.

PRE-CALCULUS CP

1 Year

1 Credit

PRE-CALCULUS CP.

- **Required average of 80% in Algebra 2 and teacher recommendation.**

- **Course is required to prepare students for Calculus AB.**
- **Scientific calculators are required for this course.**
- **Completion of daily homework assignments is required.**
- **Course curriculum complies with PA Academic Standards for Mathematics.**

This course is a thorough and comprehensive treatment of pre-calculus mathematics. Topics from algebra, geometry, trigonometry, discrete mathematics, probability, and statistics are all interwoven to form a fully integrated course. Topics covered include trig equations, common and natural logs, angular velocity, conic sections, combinations, permutations, systems of inequalities, sinusoid equations, logarithms, normal distributions, box and whisker plots, stem plots, linear variation, antilogarithms, logarithmic equations, matrices, determinants, law of sines and cosines, Cramer's rule, trig identities, the binomial theorem, simple probability, arithmetic and geometric means, exponential growth and decay, and the rational root theorem. Word problems will be developed through the problem sets. All students will be required to learn math vocabulary.

STATISTICS CP/ACE

1 Year

1 Credit

Grade 12

STATISTICS CP/ACE.

- **Recommended average of 80% in Algebra 3 or required average of 90% in Algebra 2 and teacher recommendation.**
- **Student must purchase a TI-83 Plus Graphing Calculator (estimated cost of \$100.00) and textbook (estimated cost of \$90.00) for this course.**
- **Completion of assigned homework is required.**
- **4 credits can be earned from Corning Community College (CCC Course # MA 1310 Elementary Statistics)**

This course is for 12th grade students who are not going to advance to Calculus in the Saxon program. The course will stress the development of statistical thinking skills. Students will be introduced to the world of statistics and will later be required to compile data for analysis. This is an introductory course designed to provide basic statistical techniques to all students leaving high school. All students will be required to learn math vocabulary and mathematical terminology specific to the course. This course will involve specific topics such as 1 – variable & 2 – variable analysis, regression, association, correlation, boxplots, stemplots, variance, standard deviation, normal distributions, binomial distributions, chi-square distributions, discrete random variables, continuous random variables, sampling & sampling designs, probability, experimental designs, T-distributions, confidence intervals, and two-way tables. Vocabulary will also be stressed. **Expect college material as well as a college level work load.** Students will be required to read daily and should expect pop quizzes. Plan on a minimum work load of 1 hour each night.

MODELING OUR WORLD

1 Year

1 Credit

Grade 12

MODELING OUR WORLD.

- **Required – Successful completion of Algebra 1/Geometry.**
- **Open to 12th Grade Students Only**

Welcome to the exciting world of personal finance! This course focuses on your role as a citizen, student, family member, consumer, and active participant in the business world. The intent of the course is to inform you of your various financial responsibilities and to provide you with the opportunities for self-awareness, expression, and satisfaction in a highly technical and competitive society.

- Would you like to learn ways to maximize your earnings potential?
- Do you need to develop strategies for managing your financial resources?
- Are you interested in exploring skills for the wise use of credit?
- Do you want to gain insight into the different ways of investing your money?

This course will help you investigate many important areas of interest that will enhance your financial security. You will also better understand your own wants, needs, and values, and how these affect your personal financial decisions. Understanding the concepts presented in this course will enable you to make wise decisions that will help your financial future and make you a more effective consumer.

CALCULUS CP/ACE

1 Year

1 Credit

CALCULUS CP/ACE.

- **This course is very rigorous and is designed strictly for those students planning on a career or college major that requires the use of higher level math.**
- **Required average of 80% or higher in Pre-Calculus and teacher recommendation.**
- Students must purchase a teacher approved graphing calculator (\$150.00 estimated cost).
- Student must purchase Calculus book (\$100.00 estimated cost).
- Completion of assigned homework is required.
- **Expect college level material and a college level workload. This course will be extremely demanding.**
- **Course curriculum complies with PA Academic Standards for Mathematics.**

This course is taught through Corning Community College as an ACE course (CCC Course # MA1610 Calculus I) and the students can receive 4 credits through the college. Topics covered will include, but are not limited to, various pre-calculus review topics, limits, derivatives, integrals, techniques of differentiation, techniques of integration, applications of differentiation, and applications of integration.

SCIENCE

SCIENCE 9 CP

1 Year

1 Credit

Grade 9

SCIENCE 9 COLLEGE PREP.

- Prerequisite - grade of 85% or above in Science 8
- Suggested: Algebra I or Algebra I concurrent
- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course offers an introduction to scientific laws and principles and their applications. Areas of study will include topics in the fields of biology, chemistry, physics, and the earth sciences. Special concentration is given to the integration of these fields of study. Units will include astronomy, resources, chemistry, matter, forces, and motion.

SCIENCE 9 G

1 Year

1 Credit

Grade 9

SCIENCE 9 GENERAL.

- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course is designed to make students aware of basic scientific laws and principles and how these play a role in our daily life. Areas of study will include topics in the fields of biology, chemistry, physics, and the earth sciences. Special concentration is given to the integration of these fields of study. Units will include astronomy, resources, chemistry, matter, forces, and motion.

BIOLOGY CP	1 Year	1 ½ Credits	Grade 10
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BIOLOGY 10 COLLEGE PREP.

- Recommended - 85% or higher in Science 9 CP **OR** 93% or higher in Science 8CP.
- Participation in lab is required.
- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course is designed to meet college entrance requirements, providing an introduction to the concepts of biology, which include ecology, chemistry, cellular biology, cellular respiration, cellular reproduction, genetics, evolution, and classification. Students taken this course have class every day with a separate lab period built in every other day.

BIOLOGY G	1 Year	1 Credit	Grade 10
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BIOLOGY 10 GENERAL.

- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course is designed to provide a foundation for understanding the fundamental characteristics and functions of living things. Areas of study include: ecology, chemistry, cell, genetics, evolution, and classification. Labs are included. Participation in lab is required.

BIOLOGY 2 CP	1 Year	1 ½ Credits	Grade 12
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BIOLOGY 2 COLLEGE PREP.

- Prerequisite – Chemistry CP and Biology CP. Recommend concurrent with Physics.
- Prerequisite – Grade of 87% or higher in Biology CP.
- Participation in lab is required.
- Good lab techniques and study skills are required.
- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course provides in depth coverage of topics covered in Biology 10. Topics include: biochemistry, cell, cellular respiration, photosynthesis, cellular reproduction, genetics, gene expression and biotechnology, evolution, classification review, and an introductory study of anatomy and physiology.

Students planning on furthering their education in medical or biologically related fields are encouraged to enroll in this course.

CHEMISTRY CP	1 Year	1 ½ Credits	Grade 11
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CHEMISTRY COLLEGE PREP.

- Student will have an overall average of at least an 85% in Biology CP or 90% in Biology G.
- Prerequisite - successful completion of Algebra 1 or Algebra 2 concurrent.

- Lab periods are required.
- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course introduces the student to the basic concepts of atomic theory and bonding. Stoichiometric relationships are utilized throughout the course. Emphasis is placed on understanding basics such as chemical symbols, formulas, chemical reactions, periodic table, gas laws, acids and bases.

CHEMISTRY G

1 Year

1 Credit

Grades 11, 12

CHEMISTRY - GENERAL.

- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course gives students hands-on experience in concepts of Chemistry. Areas of study include natural resources, food and pollution.

CHEMISTRY 2 CP/ACE

1 Year

1 ½ Credits

Grade 12

CHEMISTRY 2 COLLEGE PREP/ACE.

- Prerequisites– Grade of 85% or above in Chemistry College Prep.
- Algebra 2 or higher.
- Students must purchase Lab Manual and approved Textbook (\$150.00 estimated cost).
- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

This course is an extension of Chemistry 1 CP, with topics in the following units: thermochemistry, quantum theory, electron configurations, periodic trends, and bonding. The following units will be newly introduced: molecular geometry, colligative properties, kinetics, acid/base, oxidation reduction, electrochemistry, and equilibrium. The course follows the curriculum approved by Corning Community College as an ACE course (CCC Course # CHEM 1510 General Chemistry I and Course # CHEM 1520 General Chemistry II) and a lab manual and course approved textbook are required and must be purchased by the students at an estimated cost of \$150.00. In addition, students taking the course can receive 8 credits through the college.

SCIENCE TODAY

1 Year

1 Credit

Grade 12

SCIENCE TODAY. This course is designed to explore key themes of current science interest. The integrated science course will apply the scientific principles to everyday life. It will explore science-related questions and technologies that will affect the social, political, and economic aspects of your life now and in the future.

PHYSICS CP

1 Year

1 ½ Credits

Grade 12

PHYSICS COLLEGE PREP.

- Prerequisites - successful completion of Algebra 2 with an average of 90% or higher - completion of Pre-Calculus would be advantageous but is not necessary.
- Recommendation of last Math teacher.
- Completion of daily homework assignments is required.
- Completion of assigned laboratory experiments.

- **All science courses meet the Pennsylvania Science Standards. Students will need to complete classwork, homework, laboratory activities, quizzes, tests/exams, and special projects as assigned by their teacher. Notebooks are required in most classes.**

The Saxon physics book was written with both the average and honors student in mind. The subject is taught at an introductory level, which will allow the average high school student to grasp the concepts of Newton's laws, static, dynamics, thermodynamics, optics, DC circuits, waves, electromagnetic, and spacial relativity. The subjects are covered to a depth appropriate for college students majoring in non-engineering disciplines. This program focuses on the solving of physics problems and the student must be diligent in completing the homework assignments. The abilities of each class will determine the extent to which this book will be covered.

FOREIGN LANGUAGE

FRENCH 1	1 Year	1 Credit	Grades 9,10,11,12
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FRENCH 1.

French 1, introduced in Grade 9, attempts from the outset to bring the student to an acceptable understanding of the spoken word, to speak with grammatical accuracy, and to begin to understand and appreciate cultural differences in our societies.

FRENCH 2	1 Year	1 Credit	Grades 10,11,12
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FRENCH 2.

French 2, introduced in Grade 10, although placing stress on the audio lingual skills of foreign language learning, lends more emphasis to reading and writing, and continues to blend essential cultural knowledge into the program.

FRENCH 3 CP	1 Year	1 Credit	Grades 10,11,12
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FRENCH 3 – COLLEGE PREP. Students, without exception, must have achieved a final average of 85% or higher in French 2 to go on to French 3. French 3 continues with the audio-lingual approach, making heavier demands on the skills of reading and writing. At this level, all four language skills (listening comprehension, speaking, reading and writing) are challenged by the more advanced concepts of the French language. Cultural materials continue to be an integral part of the program.

FRENCH 4 CP	1 Year	1 Credit	Grades 11,12
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FRENCH 4 – COLLEGE PREP. Students, without exception, must have achieved a final grade of 85% or higher in French 3 to go on to French 4 **AND** teacher recommendation. At this level the reading and writing are, by necessity, much more sophisticated and demanding. The student will be able to understand and speak with more grammatical accuracy and with very good pronunciation. He/She will be able to write ideas they would like to express, utilizing concepts which have been taught during the course of his/her foreign language training.

SPANISH 1	1 Year	1 Credit	Grades 9,10,11,12
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SPANISH 1. Spanish 1 introduced in Grade 9, attempts from the outset to bring the student to an acceptable understanding of the spoken word, to speak with grammatical accuracy and with good pronunciation, to write with grammatical accuracy, and to begin to understand and appreciate cultural differences in our societies.

SPANISH 2	1 Year	1 Credit	Grades 10,11,12
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SPANISH 2. Spanish 2 introduced in Grade 10, although essentially placing stress on the audio lingual skills of foreign language learning, lends more emphasis to reading and writing, and continues to blend essential cultural knowledge into the program.

SPANISH 3 CP	1 Year	1 Credit	Grades 10,11,12
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SPANISH 3 – COLLEGE PREP. Students, without exception, must have achieved a final average of 85% or higher in Spanish 2 to go on to Spanish 3. Spanish 3 continues with the audio-lingual approach, making heavier demands on the skills of reading and writing. At this level, all of the four language skills (listening comprehension, speaking, reading, and writing) are challenged by the more advanced concepts of the Spanish language. Cultural materials continue to be an integral part of the program.

SPANISH 4 CP	1 Year	1 Credit	Grades 11,12
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SPANISH 4 – COLLEGE PREP. Students, without exception, must have achieved a final average of 85% or higher in Spanish 3 to go on to Spanish 4. At this level the reading and writing are, by necessity, much more sophisticated and demanding. The student will be able to understand and speak with more grammatical accuracy and with good pronunciation. He/she will be able to write ideas they would like to express, utilizing concepts which have been taught during the course of his/her foreign language training.

STUDENT ENHANCEMENT

SAT/ACT PREP	1/2 Year	¼ Credit	Grade 10
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- Prerequisite – Successful completion of Algebra 1 or above.

SAT/ACT PREP. This course will help you to prepare to take the math, reading, and writing portions of the SAT I & ACT. You will do sample questions, take sample tests, and build vocabulary. The mathematics component will reinforce the mathematical skills needed for the examinations. Students will be required to complete sample SAT I and ACT examinations as well as daily assignments designed to address student difficulties. The course will help you pinpoint your trouble spots and show you how to work on them, and it will point out your strengths. You will also learn tips to improve your testing skills.

PSSA PREP	1/2 Year	¼ Credit	Grade 10
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PSSA PREP. This course is aimed at giving 10th grade students preparation for the Pennsylvania System School Assessment Mathematics, Reading and Writing tests by helping them develop higher-order reading and language competencies. The mathematics component of this course is designed to assist students in mastering the skills needed to achieve a minimum score of Proficient on the 11th grade mathematics PA State School Assessment. Testing and completion of homework assignments will be an important component of this course. Development of each student's higher order thinking skills will be a major emphasis of this component of the PSSA Prep course.

BUSINESS

VIRTUAL BUSINESS	1 Year	1 Credit	Grades 10,11,12
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VIRTUAL BUSINESS. Retailing 2.0 is a software-based simulation of a convenience store that introduces students to business and marketing. You have control over pricing, promotion, merchandising, market research, and more. Students share an exciting educational experience with hands-on control over the management and marketing of a business. In Virtual Business-Management, the most visual simulation ever, is based on a distribution center. Students have control over personnel selection, capital equipment purchases, and e-commerce systems, while dealing with international issues such as exchange rates. It includes topics such as Introduction to Business, Information Technology, International Business, and Management.

MS OFFICE	1 Year	½ Credit	Grade 9
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MS OFFICE. This course is designed to teach students advanced word processing, database management, graphics presentation and spreadsheet development. This is a one-half credit course required for graduation.

LAW FOR BUSINESS AND PERSONAL USE	1 Year	1 Credit	Grades 10, 11, 12
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LAW FOR BUSINESS AND PERSONAL USE. Explore the foundations of business law, while introducing personal law topics that interest students. LAW FOR BUSINESS AND PERSONAL USE combines strong content with interactive technology and video to maintain student interest and support active learning. Coverage includes contracts, criminal law, consumer protection, wills and estates, marriage and divorce, property law, agency, employment contracts, unions, commercial paper, and credit obligations. Each chapter is divided into short, easy-to-handle lessons, setting a comfortable learning pace. With more than 1,000 cases, there's never a shortage of opportunities for case analysis and research.

ACCOUNTING 1	1 Year	1 Credit	Grades 10, 11, 12
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ACCOUNTING 1. Accounting 1 is a well-balanced course that gives attention to the practical and realistic principles that apply outside the classroom be it vocational, personal or as a preparation for study in the accounting field beyond the high school level. Generally accepted accounting principles for a sole proprietorship, a partnership and a corporation will be studied. Business ethics, multi-cultural awareness, and careers in accounting will be presented. Students will complete an entire accounting cycle for each type of business organization. The use of a spreadsheet using Excel is introduced as a tool used in solving and analyzing accounting problems.

MANAGEMENT AND MARKETING	1 Year	1 Credit	Grades 10, 11, 12
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MANAGEMENT AND MARKETING. Management serves as a one-semester course for marketing and business management students. Using topics in the sports and entertainment industries, the text and multimedia supplements cover the basic functions of management as outlined in national and state standards. Management topics discussed in the 12 chapters include leadership, finance, product management, people management, information management, legal and ethical issues, customer relations, sales management, managing change, and career development. This course reinforces

essential application skills, such as word processing, desktop publishing, spreadsheets, databases, and electronic presentations. This intermediate/advanced simulation is different from other typical document production simulations in that it provides students unique opportunities to go beyond the basics as they apply creativity in problem solving, decision making, flexibility and more. The student's position in this simulation is Assistant Director of The Sports Connection, a simulated company. The second half of the year, Marketing, takes you on a step-by-step journey through the world of marketing. Students encounter and learn about the key functions of marketing and how those functions are applied to sports and entertainment. Each marketing function is incorporated throughout the text and highlighted with an icon to indicate how it is used in the marketing process.

WEB PAGE DESIGN	1 Year	1 Credit	Grades 10, 11, 12
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WEB PAGE DESIGN. This course uses HTML and Dream Weaver programs to learn how to do web pages. Emphasis will focus on updating and maintaining the district web page. The use of scanners and the digital camera will also be included.

COMPUTER APPS CP/ACE	1 Year	1 Credit	Grades 11, 12
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COMPUTER APPLICATIONS COLLEGE PREP/ACE.

- Prerequisite: Approval from Mrs. Cole

This course may be taken for 4 ACE credits through Corning Community College (CCC Course # CSIT 1390 – Computer Literacy and Microcomputer Applications) and is designed for the college bound student. There will be no cost for books in the 2005/06 school year. This advanced course covers the entire Microsoft Office 2003 suite. This includes the advanced features of Word, Excel, Access, and Power Point. Students completing this course will have the knowledge base to take the Microsoft Office User Specialist exam for Microsoft certification. Students will also learn about networking basics, file management, digital media, and Information Systems Analysis & Design.

ART

DESIGN	1 Year	1 Credit	Grades 9,10,11,12
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DESIGN.

- For academic success in the field of art the student must achieve a passing grade based on the average of their project grades, art reports, homework, and classroom effort.

This course includes advanced problems dealing with art and design concepts and media in several different areas to be used at the student's discretion in a studio setting. These areas include creative design, drawing, lettering, advertising, figure study, cartooning, graphics, composition elements, calligraphy, computer graphics, and an opportunity for exploration. This class is recommended to be the first studio art class of the art course of study, but it is not required. Upon successful completion of this course, students will be prepared and allowed to select any avenue of art studio available within the art curriculum. A student sketchbook based on creativity is required as well as completed art history worksheets and tests per semester with emphasis on periods of art and its effect on today's culture.

CERAMICS/SCULPTURE	1 Year	1 Credit	Grades 10,11,12 9*
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CERAMICS/SCULPTURE. This course is designed for all students with a desire to gain knowledge or to improve their skills in three-dimensional art. The course includes a guided experience in ceramics and sculpture which includes directed lessons in all major techniques and concepts involved with the media

such as coil, slab, hand building, pewter casting, plaster construction, assemblage, cardboard construction, clay, armature construction, wheel throwing, and an opportunity to design and create a project based on their skills developed. Weekly sketches and art history reports are required per semester with emphasis on periods of art and its effect on culture today.

* Available to 9th grade students if not able to schedule Design.

OIL PAINTING/ WATER BASE MEDIA	1 Year	1 Credit	Grades 10,11,12
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OIL PAINTING/WATER BASE MEDIA.

- Prerequisite - Design or Ceramics/Sculpture

This course is designed for all students with a desire to gain knowledge or to improve their skills in painting. The course includes a guided experience with directed lessons in the three main areas of painting, watercolors, acrylics and oil painting, with variations and opportunity for individual experimentation. Emphasis is placed on the understanding of the various approaches and techniques rather than the resulting product. The intent is not to create artists out of all of our students; it is to have our students understand the process of painting. Creative sketches and art history worksheets are also required in this course for creative development and artistic enrichment.

COMPUTER GRAPHICS	1 Year	1 Credit	Grade 11,12
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COMPUTER GRAPHICS.

The course of study involved with this studio option is centered around the techniques and options needed to create computer graphic images: using software available, using layers, importing images/sounds, manipulating images, creating GIF animations, and flash movies.

*Emphasis will be placed on design and understanding of processes used to make images that can be used in pragmatic applications (i.e. Web-Pages, Reports, School-Related applications).

STUDIO ART	1 Year	1 Credit	Grade 12
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STUDIO ART.

- Prerequisite - Design and Painting or Ceramics/Sculpture **and** teacher recommendation.

This is a course for the highly motivated student interested in the serious study of art. Every student will be expected to develop a quality portfolio and exhibit a senior show of their work before the end of their senior year. Projects are developed through research development production and presentation stages. All work must be of an advanced art student quality to be accepted. Students work in an independent study studio environment with two graded finished projects due per semester. Creative development, art history worksheets and tests are required per semester for artistic enrichment.

AP STUDIO ART	1 Year	1 Credit	Grade 12
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AP STUDIO ART. AP Studio Art is designed by “The College Board” to be a course offering intended to be taken by the serious art student intending to continue their artistic development at the college level. There are three types of portfolios acceptable by the examination board. The three options are: (1) Drawing Portfolio, (2) 2D Design Portfolio, and (3) 3D Design Portfolio. These types are outlined and available in the art department. Any area selected requires 29 pieces to be sent to the examination for review. (Some works from previous Studio Art classes may be acceptable. If you have questions, please see Mr. Twigg for further details.)

MUSIC

INSTRUMENTAL MUSIC 9-12

1 Year

1 Credit

Grades
9,10,11,12

INSTRUMENTAL MUSIC 9-12. This course is designed for students grades 9-12 able to play a musical instrument. Emphasis is on ensemble performance and individual improvement and facility on a musical instrument. This course also develops aesthetic sensitivity, basic musicianship, and an appreciation of various musical styles. Students will perform in the concert band and have the option to join the marching band, jazz ensemble, and/or chamber ensembles. Students will complete written and played assessments related to the concert band literature. Literature will be chosen from a range of styles, historical periods, and cultures. Three public performances are mandatory (winter and spring concerts and the HS graduation ceremony). Students are required to attend one group/private lesson each week and held accountable for the condition of all music, instruments, and equipment. Previous instrumental experience required or permission of director.

MUSIC THEORY

1 Year

½ Credit

Grade
9,10,11,12

MUSIC THEORY. This course is designed for students interested in a career in music or the writing of music. Emphasis is on the use of written notation, chord structure, analysis, and harmony. Students will develop skills necessary to identify scales, intervals, triads, and key relationships and enhance aural skills through ear training and sight singing. Students will create and analyze several musical compositions throughout the course.

VOCAL MUSIC 9-12

1 Year

½ Credit

Grades
9, 10, 11, 12

VOCAL MUSIC - 9-12. This course is designed for students who enjoy singing. Emphasis is on both ensemble and individual vocal growth. The development of proper vocal technique will be emphasized through the music. Students will be introduced to various styles of music, learning appropriate diction, breathing techniques, and songs in foreign languages. There is no written work. Grading is based upon rehearsal attendance, rehearsal behavior and contribution, public performances (usually 3 during the year), and emphasis on team work. Students are required to own a black, one inch, 3-ring binder as their personal choir folder and attire for all performances is the professional black and white garments.

For those who are unable to attend choir rehearsals during the regular school schedule, **independent study** is possible with permission from the director. This group meets once a week during 9th period (tutorial) on a day agreed upon by the group. No credit.

FAMILY & CONSUMER SCIENCE

FAMILY & CONSUMER
SCIENCE 1

1 Year

1 Credit

Grades
9,10,11,12

FAMILY & CONSUMER SCIENCE 1. The curriculum in Family & Consumer Science 1 will include the following topics: baking skills and techniques, child development dealing with readiness through 1 year old, interior design, and basic sewing techniques. One marking period will be spent on each area.

FAMILY & CONSUMER SCIENCE 2	1 Year	1 Credit	Grades 10,11,12
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FAMILY & CONSUMER SCIENCE 2. Prerequisite: Family & Consumer Science 1.

This is a full year course that will build on what you learned in Family and Consumer Science 1. The topics covered will be Foods and Nutrition, Clothing and Textiles, Interior Design – painting, and Child Development 1-6 years of age. One marking period will be spent on each area.

FOOD SERVICE	1 Year	1 Credit	Grades 11,12
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FOOD SERVICE. Prerequisite: Family & Consumer Science 2.

This is a full year course designed for students interested in a career in the Food Service Industry. Some of the topics to be covered are stocks, soups, sauces, international foods, baking, meats and many more.

SINGLE LIVING	1 Year	1 Credit	Grades 11, 12
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SINGLE LIVING. This course is designed to assist students in making the transition to an independent individual. The topics covered will be budgeting, savings and checking accounts, renting an apartment, buying a car, types of insurance, job hunting and consumer rights and responsibilities. The second semester will consist of cooking skills and techniques you will need to live independently.

CLOTHING AND CRAFTS	1 Year	1 Credit	Grades 9,10,11,12
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CLOTHING AND CRAFTS. Clothing and crafts is a course where students will learn many sewing techniques and craft ideas. This is a full year course where you will work on construction techniques, community activities and many other projects. Some of the projects include: quilting, wreaths, gift bags, photo albums and many more.

INDUSTRIAL ARTS TECHNOLOGY

METAL SHOP 1	1 Year	1 Credit	Grades 9,10,11,12
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METAL SHOP 1. Prerequisite: Passing grade in Industrial Arts 8

This is a full year course for students who are interested in working with metal. Some of the things you will be learning are: forging, heat treating and casting, arc welding fundamentals, Oxyacetylene, wrought iron work, sheet metal and sheet metal tools; and how to use machine tools safely and properly such as metal lathes, mills, presses and saws. Students are responsible for the cost of materials.

Daily Requirements: a pencil (not a pen), three ring binder dedicated to this class.

WOOD SHOP 1	1 Year	1 Credit	Grades 9,10,11,12
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WOOD SHOP 1. Prerequisite: Passing grade in Industrial Arts 8

This is a full year course that covers the use of basic tools, techniques, and processes involved in woodwork construction. You will develop the skills necessary for proper, safe use and care of common hand and power tools used in woodworking. Skills are developed during the construction of teacher assigned projects that students plan, and construct. Students are responsible for the cost of project materials.

Daily Requirements: a pencil (not a pen), three ring binder dedicated to this class.

WOOD SHOP 2

1 Year

1 Credit

Grades
10,11,12

WOOD SHOP 2. Prerequisite: Wood Shop 1

This full year course covers the use of basic tools, techniques, and processes involved in woodworking in more detail. Instruction includes the use of hand tools, advanced power tools and equipment. Organizational skills and safety procedures are emphasized. Students will be able to choose some of the projects on which they will work. Students are responsible for the cost of materials.

Daily Requirements: a pencil (not a pen), three ring binder dedicated to this class.

BASIC MECHANICAL DRAWING

1 Year

1 Credit

Grades
9,10,11,12

BASIC MECHANICAL DRAWING.

This is a full year course designed to introduce drawing techniques used in today's industry. The course uses drawing materials such as T-squares, triangles, and architect scales in the construction of isometric, orthographic, and perspective drawings. We will also do Computer Aided Drafting (autoCAD). Using a computer, you will learn to create two and three dimensional objects and drawings.

Daily Requirements: a pencil (not a pen), three ring binder dedicated to this class.

BASIC ELECTRICITY AND
ELECTRONICS

1 Year

1 Credit

Grades
9, 10,11,12

BASIC ELECTRICITY AND ELECTRONICS.

This is a full year course about electricity and electronics. The first 20 weeks will cover household residential wiring. You will learn about alternating electrical current (AC), equipment, and the techniques needed to install or repair wiring and fixtures or small appliances in a home. The next 10 weeks will be an exploration into electronics. You will learn to work with Direct Current (DC) using solderless boards and D.C. components to create projects such as: LED lights, sound generation, and voltage regulators. The last 10 weeks will be for your own soldered projects (bought by students) such as: strobe lights, puzzles and games. You will build and troubleshoot these electronic devices, make repairs, and use the tools of the trade properly and safely.

Daily Requirements: a pencil (not a pen), three ring binder dedicated to this class.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 9-12

1 Year

½ Credit

Grades
9,10,11,12

PHYSICAL EDUCATION 9-12. This course offers encouragement for further development of advanced skills, greater participation in competitive team situations, and emphasis on the enjoyment and skill development of the lifetime individual sports. Swimming, water polo and boating are incorporated into physical education. Students learn to develop basic skills that will lead to a greater interest in aquatic activities in and outside of school. Student grades are based on participation, effort, written assignments and a written test.

HEALTH

HEALTH 11

1 Year

½ Credit

Grade 11

HEALTH 11. The purpose of this class is to further educate students in areas of health. The class deals with topics that are critical in the life decisions of our future adults. Topics include function of body systems, dealing with mental illness, suicide, fitness/nutrition, tobacco, alcohol, drugs, human development, STD's, among others. Students demonstrate learning and knowledge in multiple intelligence projects, peer tutoring, health assessments, and current event essays.

FITNESS FOR LIFE

FITNESS FOR LIFE

1 Year

½ Credit

Grades
9-12

FITNESS FOR LIFE. This course introduces students to the many different aspects of fitness including nutrition, goal setting, weightlifting, research and fitness testing. A portfolio is required for this course as well as a daily fitness component.

DRIVER EDUCATION

DRIVER EDUCATION

½ Year

¼ Credit

Grade 10

DRIVER EDUCATION (CLASSROOM PHASE).

- Required for behind the wheel phase

The classroom phase of Driver Education is a 30-hour course, introducing students to the legal, safety and natural limitations of today's cars and driving situations. The car phase is a systematically applied program of practice driving 6 hours and reinforces classroom work. The car phase must be scheduled through the Driver Education Instructor. Completion of both courses results in reduced insurance rates and a senior license at the age of 17-1/2.

NORTHERN TIER CAREER CENTER

VOCATIONAL-TECHNICAL COURSES. STUDENTS MUST BE PASSING AND ON TRACK FOR GRADUATION IN ORDER TO BE ELIGIBLE TO ATTEND THE NORTHERN TIER CAREER CENTER.

**AUTO BODY & FENDER
REPAIR**

1 Year

3 Credits

Grades
11,12

AUTO BODY AND FENDER REPAIR. The Autobody & Fender Repair course will provide students with an opportunity to estimate and repair damaged automobiles. The students will be taught dent repair, rust repair, panel replacement, welding, plastic repair, trim replacement, painting, and paint products. The students will be taught through the use of books, films, and lots of hand-on experience.

AUTOMOTIVE TECHNOLOGY

1 Year

3 Credits

Grades
11,12

AUTOMOTIVE TECHNOLOGY. This is a two-year course that covers all phases of vehicle repair and diagnosis. In this course, students gain practical experience by using the latest equipment to analyze fuel injection, electrical controls, and braking systems. Special emphasis is placed on the student's

attendance and work ethic in the shop. Any students who apply themselves in this industry, can be ready for Automotive Service Excellence (ASE) certification.

DIESEL MECHANICS	1 Year	3 Credits	Grades 11,12
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DIESEL MECHANICS. Practical experience is gained in this course as students diagnose, repair, and adjust diesel engines, working especially with tractors and pick-up trucks. This two-year course, open to students in grades 11 and 12, will use the latest equipment to analyze fuel systems, electrical control, and braking systems. Special emphasis will also be stressed on trouble shooting engine tune-up and the complete overhaul of engines.

BUILDING CONSTRUCTION	1 Year	3 Credits	Grades 11, 12
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BUILDING CONSTRUCTION. A student enrolled in this course will study a number of related areas. This is a two-year program of study, with theory related classes incorporating actual hands-on projects and assignments. A few of the areas covered are: hand and power tools, lumber and fasteners, block and brick masonry, floor framing, roof and wall framing, interior and exterior trim, and basic cabinet making. All of the basic phases involved in the construction of a residential dwelling are taught over the two years.

COSMETOLOGY	1 Year	3 Credits	Grades 11,12
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COSMETOLOGY. This two-year, plus two summer six week course, to gain hours needed for the cosmetologist license, provides students with the fundamentals needed to prepare for the state board examination. Some of the areas studied are cutting, shampooing, tinting, bleaching, dying, and the coloring of hair. Practical experience is also gained by providing services through the operation of a clinic, whereby students work on each other's hair and on volunteer customers.

COMPUTER SERVICING TECHNOLOGY	1 Year	3 Credits	Grades 11,12
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COMPUTER SERVICING TECHNOLOGY. This two-year instructional program will cover the fundamentals of electricity and electronics, including digital systems and microprocessors. Soldering and desoldering skills are covered, and students have the opportunity to build a variety of kits. Emphasis is placed on PC configuration, upgrade, and repair. Operating systems, application software, and specialized applications, such as multimedia production, are also covered. Students also learn basic networking and practice hands-on repair on computers in the classroom, as well as other computers at NTCC.

ELECTRICAL OCCUPATIONS	1 Year	3 Credits	Grades 11,12
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ELECTRICAL OCCUPATIONS. This course includes instruction from basic electricity to residential, commercial, and industrial electrical systems. Instruction includes how to layout, assemble, install, and test electrical fixtures and wiring used in electrical systems and construction projects. Also included are units of installing and connecting machinery, equipment, control signals, communication systems, and wiring and repairing of electrical motors and generators. Instruction will also be provided for the reading, interpretation, and understanding of residential, commercial, and industrial wiring, based on underwriter electrical codes.

FOOD MANAGEMENT – PRODUCTION AND SERVICES	1 Year	3 Credits	Grades 11,12
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FOOD MANAGEMENT - PRODUCTION AND SERVICES. This course is open to students in grades 11 and 12. The two-year course in food services features many areas of food preparation such as cooking, baking, sandwich and salad making, pantry work, dessert making, purchasing and management. Other restaurant services including table setting, power equipment operation, serving, and cashier duties are also taught to the student.

HEALTH ASSISTANT	1 Year	3 Credits	Grades 11,12
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HEALTH ASSISTANT. The Health Assistant course is a two-year program preparing students for a variety of health careers working under the supervision of nurses, doctors, and dentists. The curriculum includes both skills and theory necessary for employment as nursing assistants, medical assistants, childcare attendants, and dental assistants. The course also explores many other health careers. Students learn to care for patients of all ages – infants, children, teenagers, adults, and the elderly. Sample skills: bathing, feeding, transporting patients, preparing dental trays and passing dental instruments, sterilizing instruments, taking and recording temperatures, pulses, respirations, blood pressures, heights and weights, scheduling appointments, answering the phone, performing eye exams, bed making, and caring for surgical patients. Students learn about professional communications, medical ethics, legal issues, anatomy/physiology, medical terms, medical abbreviations, nutrition, diseases, safety, and first aid/CPR. Second year students are placed in local health care facilities of their choice for clinical experiences and shadowing of health care professionals.

MEDICAL OFFICE ASSISTANT	1 Year	3 Credits	Grades 11,12
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MEDICAL OFFICE ASSISTANT. Medical Office Assistant is an instructional program that prepares individuals to develop statistical reports, code diseases and operations, maintain health records, operate storage and retrieval systems, transcribe medical reports, handle requests for medical information, and complete medical forms. The student should be a competent typist, familiar with word processing, and computer literate. Previous typing courses are recommended. The instructional program should provide for communication skills, medical terminology related to the pathophysiology of human anatomy, and ethics. Clinical education is an integral part of health occupations education.

PRECISION MACHINING	1 Year	3 Credits	Grades 11,12
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PRECISION MACHINING. This two year program teaches the fundamental skills required to manufacture precision metal parts including print reading, shop math, cutting tool theory, and machine operation. The shop is equipped with state-of-the-art machines such as vertical milling machines, metal lathes, power saws, surface grinder, and drill presses. Second year students learn Computer Numerical Control (CNC) basics.

CAREER DEVELOPMENT COUNCIL SERVICES
AVAILABLE THROUGH THE GUIDANCE OFFICE OF THE SAYRE HIGH SCHOOL

Job Shadowing – Juniors and seniors are encouraged to get first-hand career information with an area professional in their work environment. Students gain knowledge of the job responsibilities, what a typical day is like, and education and training requirements. Job shadows range from an hour to a full day depending on the occupation being shadowed and the variety of job duties.

Career Panels – A panel of professionals speak on various career topics in a group setting. Panel's topics often include: medical careers, psychology and social work, law enforcement, forensic science, sports careers, and fashion design.

Work Site Visits – Tours of local employers can be arranged to help students learn about the range of employment opportunities, and the skills needed to be employed along with hiring practices.

Resume Preparation and Review – Assistance with resume preparation and cover letters.

Employment Assistance – Information is provided on local employers and registration for employment at the Pennsylvania Career Link.

Mock Interviews – A practice employment interview is conducted with local employers to help students receive input on their interviewing strengths and areas of improvement needed.

Internet Career Research Assistance

Mrs. Horton – rhorton@sayresd.org or rhorton@gstbooces.org

EXTRA-CURRICULAR ACTIVITIES

Christmas Play – An exciting tradition at SHS, The Christmas Play is directed by advisors Mrs. Shoemaker (lshoemaker@sayresd.org) and Mrs. Mente (kmente@sayresd.org). Each holiday season, a small 20-30 minute play is performed for the local elementary schools, senior citizen centers, and various community organizations. Participants are required to attend daily practices (from the end of November until the tour dates) as well as perform on the tour. Open to academically eligible students in grades 9-12, interested individuals should audition to perform in November when auditions are scheduled and announced. Performance spots are limited and actors are chosen at the discretion of the advisors.

Class Meetings – Grades 9-12: Officers are elected at the end of 8th and 10th grades.

Craft Club – Students from grades 7-12 and of any gender can improve craft making abilities and ideas for everyday use. This is a one tutorial a week club that involves projects and skills such as basic painting, gluing, cutting, sewing and following simple instructions. There is only one thing that is mandatory for Craft Club and that is creativity, the rest can be taught. Advisor -- Mrs. Shoemaker (lshoemaker@sayresd.org).

Crimson Blues is a select group of 16 members based upon an audition. This group is open to all students from grades 9 – 12. Must also be a member of the chorus or independent chorus to audition. This group performs at all concerts, special functions, and has traditionally performed in the two-day “Christmas Tour.” Auditions are required yearly for past and new members. This group meets once a week during 9th period (tutorial) on a day agreed upon by the group. Opportunities for solos, and County, District, Regional Chorus Festivals are available, all based upon audition and individual merit. Advisor – Mrs. Jerulli (jjerulli@sayresd.org)

DJ Club – 8th-12th grade: The DJ Club plays music for most of the school’s dances. We choose the music, set up and take down the equipment, and DJ the dances. Advisor – Mr. Krall (rkrall@sayresd.org)

Future Business Leaders of America (FBLA) – 7th-12th grade: FBLA is a nonprofit educational association of student members preparing for careers in business or who are just simply interested in learning more about the business world. FBLA helps students develop leadership abilities, and prepare for entry into, and advancement within, a business or business-related occupation. Members learn how to donate community service hours and how to compete honorably in competitive events. These activities help prepare students to be better employees and better citizens. Sayre FBLA also participates in many different community service projects including Volleyball concession stands, hoagie sales, Christmas at the Elementary Schools, Achievement Awards, among others. Members in grades 9-12 have a chance to qualify for the State Competition held for 3 days/2 nights in Hershey in April. FBLA also takes an educational field trip every May to an every-4 year rotation city of New York City, Boston, Philadelphia, or Washington DC. PA FBLA Website (<http://www.pafbla.org>). Advisors – Mr. Selleck (dselleck@sayresd.org) and Mrs. Fabbri (mfabbri@sayresd.org)

Floor Hockey – 7th-12th grade: Floor Hockey runs a season of floor hockey including playoffs and a championship which involves kids in team building, leadership, statistics, and physical activity. Teams are balanced to give any kid of any age a chance to be competitive while learning and growing. Advisor – Mr. Krall (rkrall@sayresd.org)

Forensic Team – Grades 9-12 (High School); Grades 7-8 (Junior High School): Both teams compete in public speaking, debate, and theater performance activities. Students work individually or with partners to prepare for and compete in any of 10 events for High School or 3 events for Junior High. Six to eight tournaments per year are on Saturdays from October-March, with District competition in March and National competition in June. Junior High has fewer tournaments. Practices are held after school, arranged on an individual basis with the coaches. This is an exciting activity for you if you are interested in improving your speaking, thinking, and performing skills. For more information, contact Mrs. Hickey (shickey@sayresd.org) or Mrs. Thornton (rthornton@sayresd.org).

Future Teachers of America (FTA) – Grade 12: FTA is a program that lets you go and shadow classes at the Elementary Schools and find out what teaching is all about. You must be taking college preparatory classes and be eligible. Sign-ups are in English classes at the end of 11th Grade. Advisor – Mr. Gorski (jgorski@sayresd.org)

Gaming Club – 7th-12th grade: Gaming Club is a place to get together with friends and take part in a variety of different board, trading card, and role playing games. Fair play and fun are stressed above all. Advisor – Mr. Krall (rkrall@sayresd.org)

Jazz Band – Jazz Band is available for all band students in grades 7-12. Students must be able to play instruments that fit into the Jazz genre. Winter Jazz Band begins in November with the goal of

performing Holiday music during the annual Christmas Tour and playing in the Winter Concert. Spring Jazz Band begins in January and performs in the Chamber Concert as well as any scheduled local community performances. Rehearsals are once a week. Advisor – Mrs. Johnston (ajohnston@sayresd.org)

Marching Redskins – Marching Band is available for all band students in grades 7-12. Students sign up in the Spring for the following Fall season. Rehearsals begin in July, with twice weekly evening practice sessions. Band Camp is held at the beginning of August. The Marching Redskins perform at all home and away football games, the Cavalcade of Bands, as well as several parades throughout the year. Advisor – Mrs. Johnston (ajohnston@sayresd.org)

National Honor Society – Induction into the National Honor Society is available to students in their junior and senior years. Membership is awarded to students who excel in scholarship, leadership, community service, and character. To be considered for induction, a student must:

- Maintain a cumulative grade point average of 3.0 or higher for classes taken beginning with 9th grade.
- Complete an application form indicating evidence of school and community involvement and leadership.
- Be of good moral character.

Final selection will be made by a committee consisting of high school faculty members who will consider the eligibility criteria plus a rating sheet that will be filled out by teachers of the nominated students. Advisors – Mrs. Shoemaker (lshoemaker@sayresd.org) and Mrs. Mente (kmente@sayresd.org)

Quiz Team – The Sayre High Quiz Team is a group that generally meets twice a week for practice with an additional three competitions/tournaments in October and November. This is a trivia competition team that competes with high school teams from the Northern Tier of Pennsylvania and the Southern Tier of New York. Advisor – Mr. Templeton (ltempleton@sayresd.org)

SADD (Students Against Destructive Decisions) –grades 7-12: SADD is dedicated to addressing the issues of underage drinking, impaired driving, drug use, and other destructive decisions and killers of young people. SADD's mission is to provide Sayre students with the best prevention and intervention tools possible to deal with these issues. Empowerment is SADD's basic principle. The idea of empowerment is to build student's confidence and to learn to manage behavior in a way that results in healthy life choices. We do a number of activities throughout the year. We meet 1-2 times per month at 7:30 a.m. Advisor – Mrs. Richmond (srichmond@sayresd.org)

School Play – grades 9-12: Sayre High School puts on a production each spring. If you're interested in acting, this may be the thing for you. Auditions may involve singing, reading from a script, and you must be eligible. Auditions start in January with rehearsals through March, and the production is three days long, at the end of March. The play could be either a spoken play, play with music, or musical production.

Ski Club – grades 6-12: Transportation is provided by the district and normally starts the first Sunday in January and continues for 6 Sundays at Greek Peak. Students can use their own equipment or rent and all students receive lessons. Advisor – Mr. Selleck (dselleck@sayresd.org)

Student Council – Student Council is for any interested student in grades 7-12. The primary purpose of Student Council is to represent the rights of the student body of SHS. Student Council works toward the improvement of school spirit, pride and tone; developing and encouraging leadership; and strive to develop and improve relationships between students, faculty, administration and community. Officers meet every Tuesday morning at 7:30 a.m. and general members meet every Thursday morning at 7:30 a.m. Along with meetings, there are many times members are needed to help in after-school activities and fundraisers. Advisor – Mrs. Cole (mcole@sayresd.org)

Tri-M Music Honor Society – The Tri-M Music Honor Society is the International Music Honor Society for high school students in grades 10-12. It is designed to recognize students for their academic and musical achievements, reward them for their accomplishments and service activities, and to inspire other students to excel at music and leadership. Students who meet the criteria are invited by the advisor, Mrs. Johnston (ajohnston@sayresd.org) to apply for membership.

SPORTS OFFERED AT SAYRE HIGH SCHOOL

FALL SPORTS:

Cheerleading	Varsity, Jr Varsity
Cross Country	Varsity, Jr Varsity
Football	Varsity, Jr Varsity
Golf	Varsity
Boys Soccer	Varsity, Jr Varsity
Girls Soccer	Varsity, Jr Varsity
Volleyball	Varsity, Jr Varsity

WINTER SPORTS:

Cheerleading	Varsity, Jr Varsity
Boys Basketball	Varsity, Jr Varsity
Girls Basketball	Varsity, Jr Varsity
Boys Swimming	Varsity
Girls Swimming	Varsity
Wrestling	Varsity, Jr Varsity

SPRING SPORTS:

Baseball	Varsity, Jr Varsity
Softball	Varsity, Jr Varsity
Track	Varsity