

EYHS

Educational Planning Guide



NOTICE

EASTERN YORK SCHOOL DISTRICT is an equal opportunity education institution and will not discriminate on the basis of race, color, national origin, gender, sexual orientation or handicap or because a person is a disabled veteran or veteran of the Vietnam Era in its admissions, educational programs, activities, or employment policies. Publication of this policy is in accordance with state and federal laws including the American with Disabilities Act, Title IX of the Educational Amendments Act of 1972 and Section 504 of the Rehabilitation Act of 1973.

Inquiries should be directed to the ADA Coordinator/Title IX Coordinator, Dr. Rita Becker, Assistant Superintendent, at Eastern York School District, P.O. Box 150, Wrightsville, PA 17368-0150.

EYSD MISSION STATEMENT

The mission of Eastern York School District is to educate, prepare, and motivate each student to dream, to learn, to think, and to achieve throughout life.

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Part I

General Information

INTRODUCTION TO PARENTS AND STUDENTS

This Educational Planning Guide is designed to help you, students and parents, together with teachers, school counselors, and administrators, to plan the best possible program of study that will assist you in accomplishing your educational goals and college or career aspirations. It includes a description of the Eastern York School District graduation requirements, our grading system, academic awards program, procedures for supporting transfer students, and many varied special programs we offer students. This planning guide also contains a description of our four programs of study as well as a summary of each course offered in the high school. Each course summary includes the course number, for scheduling purposes, the course title, course prerequisites, the number of days in the six-day cycle that the course meets, the credit value of the course, and a content description of the course. Please understand that not all courses listed in the Educational Planning Guide may be offered due to low student selection numbers (Board approval is needed for courses where student enrollment is less than 15) and/or staffing or facilities constraints.

When planning a program of study, you should consider the student's...

- Educational goals and career interests
- Ability and work ethic
- Credit requirements
- Desired courses and the level of difficulty of each course
- Co-curricular and out-of-school activities

The following administrators and counselors are available to help you with any and all concerns you have in regard to scheduling your educational program. Please feel free to consult with the faculty, school counselors or administrators.

High School Main Building 717-252-1551

<u>Administrators:</u>		<u>Telephone</u>	<u>E-Mail</u>
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GRADUATION REQUIREMENTS COURSES AND CREDITS

An Eastern York High School diploma will be granted to all students who have met Eastern York School District's graduation requirements as indicated in the District's Strategic Plan and adopted by the Eastern York School Board. To be eligible for graduation, students must earn 28 credits. These credits may be accumulated in Grades 9 to 12, as well as Academic Algebra I and Accelerated Geometry from the middle school. All students will be required to demonstrate achievement by earning 28 credits in the following academic areas:

<u>Subject Area</u>	<u>Credit</u>
Language Arts	4.0
Mathematics	4.0
Science	4.0
Social Studies	4.0
Arts and Humanities	2.0
Personal Finance	1.0
Computer Education	1.0
Physical Education	1.0
Health	1.0
Additional Core Electives	6.0

When selecting courses, consider the following:

- Eighth grade students who fail to earn scores of proficient or advanced on their 8th grade State Assessments in English Language Arts will be placed in an English course entitled Language Arts Strategies in their fall semester.
- All students must take General Science in 9th grade.
- Social Studies courses should be taken in the following order: U.S. History I, U.S. History II, U.S. Government and Economics, and World History.
- The Arts and Humanities credits may be taken any time during a student's four (4) years in high school. Courses that satisfy the Arts and Humanities requirements have asterisks (***) after the number and name of the course.
- Students must earn at least one (1) credit in the area of Physical Education. Awarding of a PE Credit may also be earned through participation in specific Co-Curricular Activities.
- Students must earn at least (1) credit of Health Education.
- Students must take Personal Finance in either their Junior or Senior year.
- Algebra I A&B must be taken sequentially in consecutive semesters. Geometry A&B needs to be taken sequentially in consecutive semesters.
- The classes that fulfill the (1) required computer credit are Desktop Publishing, Web Design, Microsoft Office, Programming, Technical Drawing & Design, Architectural Drawing & Design, and Digital Media & Networking.

Participation in the PSAT is strongly recommended for juniors. Administration of this exam takes place in October during the school day.

GRADUATION REQUIREMENTS

GRADUATION PROJECT

In addition to earning 28 credits, in order to be awarded a diploma from Eastern York High School, students must successfully complete a graduation project. In accordance with Pennsylvania Department of Education Academic regulations, Eastern York High School has developed its academic programs to prepare students for both career and college.

Through an organized and systematic approach, Eastern York High School provides all students with multiple opportunities to learn about career options while building a strong academic foundation for success in College. Through specifically designed measures within the scope of the Eastern York High School Curricula, students will complete career related requirements prior to their Senior Year, including a career interest assessment, personality assessment, cover letter, resume, personal financial management, mock interview, and career information.

1. A completed cover letter/resume approved in Personal Finance Class.
2. A Mock Interview during Personal Finance Class.

A recommended (5) five hours of community service.

**Assistance with community service or opportunities to explore job shadow experiences can be organized through Mr. Todd Crouse.*

GRADUATION REQUIREMENTS

KEYSTONE ASSESSMENT

(Algebra, Biology, Literature)

The Pennsylvania Department of Education is required by the Every Student Succeeds Act (ESSA) to assess all students in Algebra, Literature and Biology.

Students at Eastern York will be assessed in Algebra, Literature, and Biology at the conclusion of Algebra IB (or Keystone Algebra I), Literature II, and Biology. Performance on each of the assessments will be rated in one of four categories: advanced, proficient, basic, or below basic. Students who fail to earn scores of proficient or advanced on these assessments will be provided remediation and will retake the exam each semester (Winter and Spring) until they achieve proficiency or until the end of their junior year. Students who have not demonstrated proficiency in Algebra, Biology, or Literature exams will be scheduled for Keystone Standards Literature, Keystone Standards Biology in 12th grade and/or Algebra in 11th grade. Students will not be awarded a diploma unless they achieve proficiency on the State Assessments or successfully complete these classes.

Failure to Graduate:

Seniors who fail to graduate with their class are encouraged to meet with their school counselor. Often times, the school counselor knows which summer school classes could fulfill requirements, which high schools are offering make-up credit and what costs are involved. This option is highly recommended for students who need two or less credits to earn their diploma. In some cases, summer school may not be an option. For example, should a student fail a required computer course, often there is no summer school course offered. Students in this situation have three options:

Option #1:

Seniors who do not graduate with their class due to failing 1-4 classes may **petition**, in writing, the High School Principal to re-enroll for an additional semester. Students who need 1-4 credits to graduate are expected to complete all remaining credits during this additional semester. Students will only be scheduled for classes they need to graduate. In situations where a student needs less than 4 credits, students are responsible for their own transportation to and from school. Students who fail to earn the credits needed during this additional semester will not be approved to return for yet another semester. Students with extenuating circumstances should contact the High School Principal. Students who need 5-8 credits to graduate may **petition**, in writing, the High School Principal to re-enroll for an additional two semesters. Again, students will only be scheduled for classes they need to graduate. Students will be required to take as many courses during their first returning semester as the master schedule permits. Courses that do not fit during this first semester will be scheduled during the second semester.

Option #2: York Adams Academy

Students between the ages of 17-20 can meet with their Eastern York School Counselor to apply to this program. Eligible students must be 17 years old, have earned 10 credits and pass the TABE (Test of Adult Basic Education) entrance exam. The student must score at least a 9.0 instructional grade level on all four sections of this exam.

School Characteristics: York Adams Academy requires 23 credits to graduate. Students earn a High School Diploma, not a GED. (See your Eastern York School Counselor for an application for details.) Students attend this program for 15 hours per week and choose one of three sessions to attend. All work must be completed at school. There is no homework. Lessons are student centered and self-paced. This is not a school for students with disciplinary problems. Eastern York is limited to sending only 12 students to this program at one time. If seats are full, a waiting list is started. Students must meet the age requirement and pass the entrance exam to be placed on the waiting list.

Option #3: GED

GED testing is available at York County School of Technology. Call 741-2130 ext. 5205 or visit their website at www.ycstech.org for the more information.

AWARDING CREDITS

Students in the high school can earn credits toward graduation beginning in 9th grade, with the exception of students who take Accelerated Geometry in 7th grade or Academic Algebra I in 8th grade. Those students who take and successfully complete Accelerated Geometry in 7th grade or Academic Algebra I in the 8th grade will be awarded a credit for that course. Upon entering the high school, credits are earned through the successful completion of course requirements offered during the regular school year, or credits transferred from another school. Credits for remediation may also be earned in an approved summer school course depending on availability. Only remedial coursework completed over the summer months is accepted for credit. Credits may also be awarded through the Independent Study Program. No credit is awarded for classes completed over the summer for enrichment. Although not an all-inclusive list, this would include college courses, ambassador programs or camps, traveling abroad, etc.

PROMOTION POLICY

In order for students to advance to the next grade level and be on schedule for graduation, the following minimum number of credits must be accumulated in Grades 9 to 12:

Grade 9	5.0 credits	to move to	Grade 10
Grade 10	12.0 credits	to move to	Grade 11
Grade 11	20.0 credits	to move to	Grade 12
Grade 12	28.0 credits or more	to graduate	

GRADING SYSTEM

Eastern York High School uses a Weighted Grade Point Average (WGPA) system to determine marking period grades and class rank. Under this system, courses have all been assigned a weighted value according to their degree of difficulty. It should be noted that band, chorus, and orchestra are not included in a student's GPA and rank.

- The courses routinely taken to meet the normal requirements for graduation have a multiplying factor of 1.
- Those courses offered in lieu of the normal offerings that provide for more academic rigor, are faster paced, and require substantially more preparation have a multiplying factor of 1.1.
- Those courses offered for honors or Advanced Placement (AP) have a multiplying factor of 1.2.

Courses with a factor of 1.1 are:

Academic English I, III, IV
Academic Literature II
Academic Chemistry
Speech and Creative Writing
Academic Physics
SAT Preparation
Academic U.S. History I
Algebra III/Trigonometry
Accelerated Algebra II
Academic U.S. History II
Accelerated Geometry
Academic Government & Economics
Spanish II, III
Academic World History
German II, III
Programming
Pre-Veterinary Science
Math Analysis
Anatomy & Physiology

Courses with a factor of 1.2 are:

Honors Chemistry
Honors Biology
Honors English I
Honors Literature II
Pre-Calculus
Calculus
Spanish IV
German IV
Advanced Placement Statistics
Advanced Placement Calculus
Advanced Placement Chemistry
Advanced Placement English III, IV
Advanced Placement Physics I
Advanced Placement Physics II
Advanced Placement US II History
Advanced Placement Gov't & Politics
Advanced Placement World History
Advanced Placement European History
Advanced Placement Biology

CALCULATING GRADE POINT AVERAGE

In order to calculate a student's grade point average (G.P.A.), you must convert the student's percentile (%) grades from his/her report card to the equivalent numerical grades using the table below.

Percentile Grades (On report card)	Letter Grades (Converted)	Numerical Grade (Grade Point Value)
99-100 %	A+	4.2
92-98 %	A	4.0
90-91 %	A-	3.8
88-89 %	B+	3.2
82-87 %	B	3.0
80-81 %	B-	2.8
78-79 %	C+	2.2
72-77 %	C	2.0
70-71 %	C-	1.8
68-69 %	D+	1.2
62-67 %	D	1.0
60-61 %	D-	.8
0-59 %	F	.0

Then you must multiply the weight of the course (1, 1.1, 1.2) by the credit value of the course (.5, 1) times (X) the numerical value of the grade, which gives you the weighted value for the course. Do this computation for each course on the report card. Then add up the credits and divide the total number of credits into the total weighted value of all courses. See the provided example using a standard 12th grade schedule. In the example that follows, the weighted value for each course is the "X" value in the far right column.

EXAMPLE USING A GRADE 12 SCHEDULE

Example	Report Card Grade	Weight	Converted letter Grade	Credit	Numerical Grade	"X"
AP English IV	89%	1.2	B+	1.0	3.2 =	3.84
Academic W. History	75%	1.1	C	1.0	2.0 =	2.2
Academic Physics	99%	1.1	A+	1.0	4.2 =	4.62
Calculus	81%	1.2	B-	1.0	2.8 =	3.36
Art IV	97%	1.0	A	1.0	4.0 =	4.0
AP Biology	70%	1.2	C-	1.0	1.8 =	2.16
Sociology/Psychology	79%	1.0	C+	1.0	2.2 =	2.2
Speech/Creative Writing	95%	1.1	A	<u>1.0</u>	4.0 =	<u>4.4</u>
				8.0		26.78

The W.G.P.A. for this student is 3.3475 (8 divided into 26.78).

In addition to the above-mentioned percentage and alphabetical grades, we use several other grades on our report cards.

These grades are: "EX"= Excused "P"= Passing All Requirements "IN"= Incomplete work
 "WF"= Withdraw Failing "WP"= Withdraw Passing "NG"= No Grade

RECOGNITION OF ACADEMIC EXCELLENCE

Honor Roll Policy

At Eastern York High School, we recognize students for their academic excellence in class at the end of each nine-week marking period, by publishing two honor rolls: the **Superior Honor Roll** and the **Distinguished Honor Roll**. Students who maintain a 3.75 or higher weighted grade point average are eligible for the **Superior Honor Roll**. Students who maintain a 3.4 to 3.74 weighted grade point average are eligible for the **Distinguished Honor Roll**. Students who fail a course, earn a “D” in a course, or have incomplete or missing grades in any course, to include band/chorus/orchestra, are not qualified to receive either honor roll recognition.

Valedictorian/Salutatorian Policy

Valedictorian and Salutatorian distinctions are determined by looking at each student’s cumulative, weighted grade point average from 9th through 12th grades. If a student took Accelerated Algebra I in eighth grade, this is also included in the calculation. Class rank shall be computed at the end of each semester based on final grades. Band, chorus and/or orchestra are not calculated into a student’s grade point average, and therefore, do not affect class rank or the awarding of valedictorian or salutatorian.

Eastern York uses a 4.0 weighted grading system. (Please refer to the Educational Planning Guide’s explanation of the Grading System.) The weighted grade point average is a decimal calculation carried out to the thousandth position. The valedictorian award is bestowed on that individual whose cumulative weighted grade point average is numerically the highest when compared to the rest of the graduating class. Salutatorian is bestowed on that individual whose cumulative weighted grade point average is numerically the second highest when compared to the valedictorian and the rest of the graduating class.

Any two (2) or more students whose computed weighted grade point averages are identical shall be given the same rank. The rank of the student who immediately follows a tied position will be determined by the number of students preceding that student. For example, if two students are tied for valedictorian, each of these students will have a rank of one. The next numerically ranked student will have a rank of three and there will be no salutatorian.

To be eligible for this award, students must have attended Eastern York High School for two full academic years (four full semesters) prior to graduation. Students educated outside of the school building on a full or part-time basis, yet earning an Eastern York High School diploma are not eligible for these awards due to not meeting the two year attendance requirement prior to graduation. Two such instances would be students enrolled at Eastern York Cyber Academy on a full or part-time basis along with students enrolled at York Adams Academy.

Top Ten Awards Procedures for Calculation

Top ten distinctions are determined by looking at each student’s 1st semester final grades and their 3rd marking period grades as if they were final. The student’s weighted grade point average is calculated for courses taken during this school year only.

Students must be carrying a full load of 8 courses that are being graded for credit and students must be working towards earning an EYHS Diploma. Dual Enrollment students, taking college courses approved by EYHS, are eligible for consideration of this award.

There is no advantage or disadvantage to having more weighted courses in one semester over another. Band, chorus and/or orchestra are not calculated into a student’s grade point average, and therefore, do not affect GPA, rank or the awarding of top ten distinctions.

Eastern York High School uses a 4.0 weighted grading system. (Please refer to the Educational Planning Guide's explanation of the Grading System.) The weighted grade point average is a decimal calculation carried out to the thousandth position. The ranking of #1 is bestowed on that individual whose weighted grade point average is numerically the highest when compared to the rest of their class for the current year. The ranking of #2 is bestowed on that individual whose weighted grade point average is numerically the second highest when compared to the student holding the #1 position and the rest of the graduating class. This same procedure is used for the remaining positions three through ten.

Any two (2) or more students whose computed grade point averages are identical shall be given the same rank. The rank of the student who immediately follows a tied position will be determined by the number of students preceding that student. For example, if two students are tied for the rank of one, each of these students will have a rank of one. The next numerically ranked student will have a rank of three and there will be no #2 ranking. Should there be two students tied at the #10 ranking, both students will be honored, meaning that there will be 11 total students honored in this situation.

To be eligible for this award, students must have attended Eastern York High school for the entire school year. Due to the fact that each high school uses their own grading, GPA and ranking policy, move-in students will not be eligible during their transition year. Those students will, however, be eligible in subsequent years, as long as they are enrolled from the first day of school.

Students on homebound instruction, students participating in graduating early, Eastern York Cyber Academy, York Adams Academy and/or students placed in an alternative educational setting are not eligible for these awards due to the attendance provision. Eastern York High School does not issue Diplomas for any foreign exchange students and therefore, Foreign Exchange Students are not eligible for Top Ten awards.

NATIONAL HONOR SOCIETY

Membership is by invitation only and brings with it a prestige that lasts a lifetime. Members are honor-bound to perform service to the community, as well as exhibiting leadership and good moral character in their daily lives. Membership is offered to juniors, and seniors who have compiled a cumulative weighted GPA of 3.75 or higher, and who in the judgment of a faculty committee, have exhibited leadership in their high school endeavors, displayed good moral character, and who have provided service to the community. The five-member faculty committee reviews each student's submission and grants admission by majority vote. The decisions of the faculty committee are final and not open to appeal. Once admitted, membership is continuous unless removed by decision of the faculty committee. Revocation of membership may result based upon students failing to maintain the academic standard of a cumulative GPA of 3.75 or higher, and/or actions of the student which reflect poorly on the aspects of character, service, or leadership. For additional information, see the National Honor Society Advisor.

PROCEDURES FOR TRANSFER STUDENTS

All students who move into the Eastern York School District from another public high school, a private high school, or a homeschool environment must satisfactorily complete all of the District's graduation requirements, to include 28 credits, the graduation project, and the Keystone Assessments. When transfer students enroll at Eastern York High School, we will follow these guidelines when scheduling those students.

When possible, transfer students will be placed in courses at Eastern York High School that they were enrolled in at their previous school. When this is possible, the students will, upon successful completion of

the courses, be awarded the same credits, as they would have received at their previous school. When there is a difference in the credit value of a course between the previous school and Eastern York High School, the student's counselor will assess the information and recommend to the principal the credit value to be awarded to the student.

When it is necessary to schedule a student from a traditional (non-block) school during the second semester, courses that cannot be scheduled will receive **EITHER .5 CREDIT FOR A SEMESTER OF COMPLETED WORK IN EACH COURSE, OR NO CREDIT.**

Transfer students are responsible for satisfying all course requirements including topics and assignments that were covered before the student arrived at Eastern York High School.

Transfer students must have completed at least the four semesters prior to graduation to be eligible for valedictorian and salutatorian and honor graduate distinction.

A student who must enroll in a course at Eastern York High School that he/she was not enrolled in at his/her previous school can receive a passing grade ("P") and credit for the course if a grade of at least a C- is earned on the final examination. If the student does not receive a C- or higher on the final examination, he/she will receive a no-grade ("NG") and no credit for the course. It is the teacher's prerogative whether to develop a different final than is usually given for the course.

Professional judgment and then careful review of each situation shall be used in determining the final placement of transfer students.

Only remedial coursework completed over the summer months is accepted for credit. No credit is awarded for classes completed over the summer for enrichment. Although not an all-inclusive list, this would include college courses, ambassador programs or camps, traveling abroad, etc.

Part II

Programs

PROGRAMS OF STUDY

Beginning in 9th grade, each student will have the opportunity to take courses in the following programs of study: Agricultural Science; Business, Finance, Information Technology and Science and Technology.

Agricultural Science

This program of study focuses on careers that are oriented on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources, including food, fiber, wood products, natural resources, horticulture, and other plant and animal products and resources. This program of study includes courses that focus on three major areas of interest: Environment and Agriculture, Natural Resources Management and Horticulture.

The Agricultural Science courses apply scientific concepts to agricultural areas and may include topics involved in supporting the food producer, food production, or the many levels of food-processing, food inspection, and selling food after it leaves the farm. Some topics covered in these courses include: food processing, marketing, aquaculture, animal health, animal nutrition, environmental science, soil science, greenhouse management, and mechanics. Many of these topics or units utilize a hands-on component to the instruction.

The educational requirements for a career in agricultural science include a high school diploma and attendance at a technical school, a four year college or university, or a four year college or university with a post graduate program in agricultural science. This course of study is designed to help students who wish to pursue any of the above educational goals. Students may also take these courses to learn more science concepts or simply to develop an awareness of the agricultural industry which will help them become a more informed consumer. Students in this program may schedule the following elective courses:

Landscape Design & Soil Science
Animal Science and Management
Small Engines & Welding

Ag Mechanics
Pre-Veterinary Science
Horticulture/Aquaponics/Greenhouse Mgmt..

Business Education and Computer Technology Department

This program of study focuses on careers that are oriented on planning, organizing, directing, and evaluating business functions essential to efficient and productive business operations. It also focuses on careers that are oriented on planning services for financial and investment planning, banking, insurance, and business financial management. Lastly, this program of study focuses on entry level, technical and professional careers related to design, development, support and management of computer hardware, software, multimedia, and system integration.

The Business Education and Computer Technology Department offers a program of study to provide students with the necessary skills to enter the world of work or to attend a business or vocational school. Business students are encouraged to take the maximum number of business skill subjects. Employers are looking for workers with keyboarding, computer, accounting and career readiness skills.

During 10th, 11th and 12th grades, to ensure continued academic success, a “C” or higher average in skill subjects is strongly recommended for the student to go on to the next level.

Courses in this program of study can be combined with courses in other programs to meet minimum college entrance requirements. This combination is recommended for students interested in going into management positions and other vocations requiring a college education. Students in this program should schedule the following elective courses:

Accounting I
Accounting II
Personal Finance
Digital Media & Networking I
Digital Media & Networking II
Visual Basic Programming

Law for Business and Entrepreneurship
Desktop Publishing
Web Design
School to Career
Microsoft Office
YES Program

Technology Education

This program of study is for students in Grades 9 to 12 who are interested in pursuing an elective group of courses dealing with the areas of communications, manufacturing, construction, and power technology. Students will have experiences centered on the study of tools, machines, materials, and processes. As a student becomes involved in one or more of the various areas, he/she will develop fundamental manipulative skills and the technical knowledge needed to operate successfully in that area. Technology education provides an approach to learning, which differs from, and is often more effective for some students, than traditional classroom situations. Learning progresses from initial ideas, through concrete experiences with tangible materials, to an end result. Students learn as they solve problems and accomplish results that are meaningful to them. Students in this program of study may schedule the following elective courses:

Introduction to Graphic Communications
Advanced Graphic Communications
Introduction to Photography
Technical Drawing and Design
Architectural Drawing and Design
Advanced Architectural Design
Engineering Drawing and Design
Energy, Power, and Control
Transportation Systems

Wood Manufacturing I
Wood Manufacturing II
Wood Manufacturing III
Engineering Technology
Metal Manufacturing I
Metal Manufacturing II
Art Metal & Jewelry Making
Push the Limits

SPECIAL PROGRAMS

At Eastern York High School, we have several programs that enable students to take advantage of their academic strengths, educational goals and career aspirations to move at an accelerated pace or to take advantage of courses that are not offered through the normal high school curriculum. These programs are the Independent Study Program, the Gifted Education Program, and college courses taken at local colleges/universities.

Independent Study Program

The Independent Study Program is designed for 10th, 11th, and 12th grade students who have an interest in expanding their knowledge in a specific content area, and who demonstrate academic proficiency, mature judgment, a strong motivation to learn and self-reliance qualities. Through this program, students may earn up to three (3) credits from independent study courses.

An Independent Study Course is defined as “a course that examines information or opportunities not normally included in the curriculum as described in the Educational Planning Guide.”

To enroll in the Independent Study Program, the following guidelines must be followed:

- The student, the student’s parents, the student’s counselor, site facilitator (if different from teacher), and the teacher of the course must approve the enrollment in the independent study course.
- The independent study course is an approved course of instruction that is equivalent in credit value to regular classroom courses of similar content. Up to one credit will be awarded for the course based on

satisfactory completion of the requirements, the amount of time and work devoted to the study, and teacher/sponsor approval.

- The Independent Study course is offered to students who have exhausted the department course offerings.
- The student must submit an “Application for Independent Study” form and an Independent Study Proposal by May 15th for the following year. The Independent Study Proposal must include the topic or title of the course to be studied, the goals and objectives of the course, the scope and sequence of the course, the method or methods to be used to assess the student’s work and to determine a course grade, and the scoring rubric that will be used in the course. The “Application for Independent Study” must be typed, and can be accessed from every chromebook.
- Requests for independent study courses will not be approved after the semester begins, and extensions to the length of an independent study course will not be approved, except in extenuating circumstances.
- Students must submit their applications for independent study and independent study proposals through their counselors to the high school principal. After the principal completes his review, he will submit the applications and proposals for independent study to the School Board for final approval.

Gifted Education Services

Gifted Education Services are available for students who have been identified as gifted students and have a current Gifted Individualized Education Plan (GIEP).

When selecting courses, gifted students should consider the opportunities that are available in Academic, Honors and Advanced Placement (AP) courses. Students should also remember that the block schedule format provides opportunities for the acceleration of content learning, and that they should consult with their teachers, the gifted support teacher, and their counselor to determine which of the options is the most appropriate for them. **Pre-planning with the gifted support teacher and the student’s counselor is highly recommended and is considered a key step in planning an effective schedule.**

The following enrichment options are available for identified gifted students. Credits earned vary according to the option(s) selected; with the **maximum of one weighted credit permitted during each semester.** The Gifted Independent Study application, containing a proposed syllabus, must be submitted by May 15th of the previous school year. Late submissions may be considered given extenuating circumstances.

- **Option A** – Students follow the regular education curriculum with the addition of Gifted Independent Study (GIS) linked to a regular education class. This option is an appropriate choice for students willing to exceed the requirements of the class in a major way, while maintaining a connection to both the content of the course and the teachers. This requires students to submit an application and obtain approval of the teachers involved. Credit will be predetermined upon application, based on the level and rigor of the GIS.
- **Option B** – Students may complete a Gifted Independent Study in a subject *outside* the curriculum. The requirements and the credit earned are planned and evaluated similarly to Option A, requiring students to submit an application and obtain approval of the teachers involved. Credit will be predetermined upon application, based on the level and rigor of the GIS. This option presents both a high degree of opportunity and challenge to the motivated and responsible gifted student and is available only to 10th, 11th and 12th grade students.

Dual Enrollment: College Classes while still in High School

- Juniors and Seniors interested in enrolling in college courses while still in high school may apply to the Dual Enrollment Program. It is recommended that students planning to schedule Dual Enrollment courses maintain a cumulative 3.0 GPA within the specific content areas for which students are interested.
- *Eastern York currently has agreements with:*
- *Penn State York*
- *York College*
- *HACC York*
- *Lancaster Bible College*
- *Millersville University.*
- Although all of these colleges offer reduced rates on tuition for high school students, all costs for tuition, fees, textbooks and any other expenses along with transportation to the college will be the sole responsibility of the student and their family.
- This program requires students to obtain an application through their school counselor and adhere to the college deadlines. Proof of college enrollment is required each semester and students must meet eligibility guidelines for the college to which they are applying. Students are not permitted to drop dual enrollment courses after the first week of each semester. If, during the semester, the college recommends dropping the course due to poor grades or attendance, students and parents should note that the student will still receive a "F" on their high school transcript. Students are responsible for submitting their college grades to their school counselor at the end of each marking period. Regarding 2nd semester: Students must submit a 3rd marking period grade in order to be considered for Academic Awards AND students must submit final grades by the fourth Friday in May to be considered for Valedictorian, Salutatorian, Honor Graduate Distinction and proof of completed graduation requirements.
- Students must maintain a combined four classes between EYHS and the Dual Enrollment College. For example: 3 EYHS classes/1 Dual Enrollment; 2 EYHS classes/2 Dual Enrollment; 1 EYHS/3 Dual Enrollment or 0 EYHS/4 Dual Enrollment. Students are advised to work closely with their school counselor to coordinate their schedule. College courses taken in lieu of Eastern York's Core Courses must be approved by the student's school counselor.
- There are colleges that would allow students to take more than 4 courses per semester. Should a student be interested in this option, please note that the courses that will count for graduation, HS credit and GPA must be declared at the beginning of the semester.
- Dual enrollment courses can be taken outside normal school hours, meaning students can enroll in college courses that begin after 2:34 PM and on the weekends. All approved college courses will be included in the student's High School GPA and all college courses are weighted a 1.0. Each college class must be at least 3 college credits. Although students can take dual enrollment courses in the summer, courses taken during the summer will not count toward high school graduation requirements nor will they be included in the student's GPA/Transcript.
- If students intend to transfer dual enrollment college credits after high school graduation, it is their responsibility to research the transfer agreements between colleges. Students should be aware that

some colleges may not accept college credits for transfer if the credit(s) also fulfill high school graduation requirements.

- Students are expected to sign in/out of the attendance office each day when they arrive/depart.

SCHOOL-TO-CAREER PROGRAM

In addition to the traditional academic curriculum, students at Eastern York High School also may choose to participate in the School-to-Career Program. This program is for seniors who are interested in participating in a career-related work experience. The course offerings enable the student to learn about a specific career area in an appropriate work setting. By participating in a specific career related work experience, the senior will learn skills that are needed to apply for and maintain employment, receive necessary training, and learn about potential opportunities for permanent employment in the chosen career field. The purposes of the School-to-Career Program are to:

- **Provide practical work experience that enhances the student's classroom education.**
- **Afford students the opportunities to gain further knowledge of selected professions or occupations.**
- **Help students understand and appreciate their academic course work through direct application in the work setting.**
- **Develop effective employment skills.**

The four work experience opportunities available for seniors in the School-to-Career Program are: the Internship Program, the Diversified Occupation (DO) Program, the Capstone Program, and the Your Employability Skills (Y.E.S.) Program.

Internship Program

The Internship Program is for seniors who are interested in spending an extended period of time involved in hands-on and observation in an occupational area of interest in a professional field. The internship is a non-paid work experience, which will give the students the opportunity to observe and participate with a professional in their area of interest for *one semester*. Students will spend part of their time in class at the high school and the remainder of the time at the internship site.

Students will receive two credits for a semester internship, one (1) for the classroom component and one (1) for the internship site experience. Students pursuing a career objective in Education and want to volunteer in the elementary schools should have a good attendance record and a Grade Point Average of 2.5 or better.

Diversified Occupations (DO) Program

The Diversified Occupations (DO) Program is for any senior who is interested in working during part of the school day for school credit at a job that will be *related to the student's career objective*. Students participating in this program must have a paid work experience. Students may take the DO Program for either *a semester or for a full year*. During the semester option, students spend a portion of their work experience time in class at the high school and the remainder of the work experience time at the job site. **Students enrolled in this option receive two credits, one (1) for the classroom component and one (1) for the job site component. Students, who choose to remain in the program for the entire year, will receive two credits, during the 2nd semester, for the time they spend at the job site.**

Capstone Program

The Capstone Program is for any senior who has successfully completed a vocational program in Agricultural Science, Business Education, Family and Consumer Science, or Technology Education at Eastern York High School. This program “caps off” a student's career at Eastern York High School by providing the student the opportunity to work in an occupation directly related to the student's vocational interest and experience. The occupation must be a paid experience. Students may elect to take the Capstone Program for a semester or a full year. During the semester option, students spend a portion of their work experience time in class at the high school and the remainder of the work experience time at the

job site. Students enrolled in this option receive two credits, one (1) for the classroom component and one (1) for the job site component. Students, who choose to remain in the program for the entire year, will receive two credits, during the 2nd semester, for the time they spend at the job site.

Your Employability Skills (Y.E.S.) Program

The Y.E.S. Program is a pre-employment training program that provides area companies with applicants who have not only met the skill levels required of today’s job market, but who also possess the “soft” skills that are essential to meet the ever changing demands of the future. This is the same course that has enabled adult workers throughout York County to meet the pre-employment requirements of some of the largest and most influential companies in the area. It is designed to teach skills necessary to gain and retain employment in all areas. This course is offered for one block every day for a semester and includes 104 hours of instruction in the following areas:

Communications	24 hours	Safety and Health	10 hours
Teamwork	24 hours	Technology	10 hours
Personal Development	16 hours	Quality	10 hours
Math	5 hours	Plant Tours	5 hours

Upon completion of the course and passing the required tests, students will receive the York Employability Skills Certificate, which is well recognized and highly regarded throughout the local business community.

Admission to the School-to-Career Program

Students interested in the School-to-Career Program must complete an application form and return it to Mr. Crouse, the School-to-Career Coordinator. This program will be limited to 25 students per semester. The selection process includes receipt of the application form, a meeting with the School-to-Career Coordinator, and a review of the student’s high school record by the student’s counselor and the School-to-Career Coordinator.

Students accepted into the program will be in the School-to-Career Program for *blocks 3 and 4*, and they must be willing to commit to blocks 3 and 4 for the semester in which they are enrolled in the program. If students elect to take the program for an entire year, they will be committing to blocks 3 and 4 for the ENTIRE YEAR. If students elect the full year program, they will have the classroom component during the first semester, and during the second semester, they will be released at 11:00 A.M. to report to the site of the work experience. Students that are selected for the program will be notified by the beginning of May. **Students accepted in the program must have employment prior to the beginning of the school year and/or the semester they are enrolled.**

OTHER PROGRAMS

Early Release from High School – Early Graduation

A student may, with parent/guardian permission and in accordance with the provisions of the policy, be considered for early release from Eastern York High School to attend a postsecondary vocational, technical, two-year college or four-year college full-time, or enlist in the military full time.

Twelfth grade students, in good standing who need four or less credits to graduate and whose schedule will allow, may schedule those classes during the 1st semester of their senior year, and take post-secondary courses during the 2nd semester on a full-time basis. The student’s final cumulative GPA and class rank will be determined in January of his/her graduation year. Classes taken at the college during the 2nd semester will not be reported on the student’s transcript and will not be included in the student’s cumulative GPA or class rank. The student must provide documentation to the Counseling Department verifying the student’s acceptance to the post-secondary institution. This documentation must include an outline of the student’s daily schedule including the starting and ending date for the spring term. Students will not be considered

for early release from high school if they cannot verify their full-time enrollment in postsecondary study. Transportation and expenses for post-secondary courses will be the sole responsibility of the student's family. Because a student's schedule could potentially interfere with the student's ability to participate in this program, it is of great importance that the student inform the Counseling Department as early as possible of his/her intention to finish high school during the first semester.

The student's counselor and high school principal will evaluate the student's qualifications to determine if he/she meets the requirements of the program. The principal will forward all applications for early release from high school to the Superintendent, who will forward the applications to the Eastern York School Board of Directors pursuant to Board Policy #217. If recommended and approved by the Superintendent and recorded in the official Board Minutes, the student shall then be granted acceptance into the program. *Interested students may obtain the required forms from the Counseling Department Office; deadline is the 1st school day in February of junior year.*

York County School of Technology (YCST)

Eastern York School District is a participating member of the consortium, which operates the York County School of Technology. This school is designed for students who plan to pursue a career in a technical trade, but many York County School of Technology graduates attend various types of post-secondary 4-year colleges and universities. York County School of Technology is operated as a full-time school and Eastern York High School students are eligible to enter this school beginning in grade 9.

The number of students entering York County School of Technology is determined by a quota system, which establishes a maximum number of students for each year based on the percentage of the total York County School population represented by Eastern York High School.

Students can apply during their 8th & 9th grade years only. In order to qualify, each student must submit a formal application. Priority deadline is November 30, 2017, and final deadline is in April, as determined by YCST.

Following the application, each student is evaluated on his/her aptitude, attendance record, grades and interest. The admissions' officials at the York County School of Technology then select qualified applicants until the quota for Eastern York High School is met. Additional students may be accepted at a later time if additional openings develop.

In order to be considered for enrollment at the York County School of Technology, applicants must earn a minimum of four credits in grade 8 or 9. Those credits include English, Social Studies, Mathematics, and Science. Students must pass these courses in the year that they apply. Students attendance is also reviewed. Students must have less than 5 unexcused absences to be considered for admittance.

Each October, parents and students will be notified of the programs available and the application deadlines via email and the Skyward Message System. Interested students are encouraged to pick up an application in the EYHS Counseling Office and submit it by the established deadline. Mrs. Lehnortt can be contacted at slehnortt@easternyork.net for any specific questions regarding applications.

In accepting applicants for admission, the York County School of Technology complies with Title VI of the Civil Rights Act of 1964; Title IX of the Educational Amendments of 1972; and Public Law 90-202, which prohibits discrimination on the basis of race, color, national origin, religion, sex, or physical handicap and also Section 503/504 of the Federal Rehabilitation Act of 1973.

Students who are accepted and agree to attend the YCST should be aware that they are committed to attend the school for at least one full year.

Arts & Human Services	Construction Pathway
Commercial & Advertising Art	Architecture & Construction Management
Communication Technology	Carpentry
Criminal Justice	Electrical Occupations
Culinary Arts	Heating Ventilation & Air Conditioning/Plumbing
Dental Assisting	Landscape Design & Construction
Early Childhood Education	Masonry & Concrete Technology
Engineering & Advanced Manufacturing	
Licensed Cosmetology	
Medical Professions Programs	
Sports Technology & Exercise Science	
Information Technology Pathway	Manufacturing/Transportation Pathway
Computer Programming & Interactive Media	Automotive Technology
Electronics/ IT Support	Collision Repair Technology
Information Systems Management	Diesel Technology
Network Systems & Cyber Security	PowerSports & Engine Technology
	Precision Machining Technology
	Welding & Metal Fabrication Technology

EASTERN YORK CYBER ACADEMY

This four year plan of study should serve as a guide as you choose your courses for Eastern York Cyber Academy's online curriculum. An EYHS diploma is awarded upon completion of 28 credits and successful completion of the graduation project. Students participating in a blended curriculum, taking courses through EYCA and at EYHS are responsible for transportation outside of the regularly scheduled bus runs.

EYCA students should contact Mr. Todd Crouse at 252-1551 ext. 60522 for more information pertaining to the graduation project and its requirements. Students wishing to participate in Band/Chorus and/or Orchestra at EYHS during enrichment (1:55-2:34 PM each day) are encouraged to do so.

As listed in the EYHS Handbook, students attending EYCA on a full or part-time basis will be held to the same expectations as full-time EYHS Students. Please note that participation in activities such as homecoming, prom, graduation ceremony, etc. are privileges and participation can be revoked due to attendance and/or disciplinary issues. Please refer to EYHS Student-Parent Handbook for a list of policies and procedures. The handbook is located on www.easternyork.com.

Since successful completion of cyber classes requires serious motivation on the part of student and parent(s), entry into EYCA is predicated on written agreement by students and parents to the commitment regulations and attendance requirements set forth in the signed EYCA contract. Failure to comply with those regulations can be grounds for dismissal from the program.

Subjects	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 4 credits	English I	English II	English III	English IV
Math 4 credits If Algebra I is taken in 8 th grade	Algebra I Pre-Algebra	Geometry	Pre-Calculus Algebra II	Pre-Calculus Consumer Math
Social Studies 4 credits	U.S. History I	U.S. History II 1896-Present	Government .5 Economics .5	World History
Science 4 credits	Earth Science	Biology A & B Biology	Integrated Physics & Chemistry (Physical Science)	Chemistry
Computer Science 1 Credit	Digital Media & Networking I	Business Computer Information Systems A and B Digital Media & Networking I, II	Digital Media & Networking I, II	Digital Media & Networking I, II
Personal Finance			Personal Financial Literacy (in either year)	
Physical Ed. 1 credit			Physical Fitness	
Health 1 credit		High School Health	Intro to Careers in	

			Health Sciences	
Arts/Humanities 2 credits	Electives 6.0 credits	Taken as needed		

COURSE SELECTION

Course selection at the High School is completed individually with students and their school counselor during their annual Career Portfolio meeting. For planning purposes, the following timeline is observed: junior meetings take place in October/November, sophomore meetings take place in November/December and freshman meetings take place in December/January.

Students' career aspirations, grades, course requirements and course offerings will be reviewed during Career Portfolio meetings. Student course selections will be entered into Skyward by the school counselor and shared with student parents' via email.

Parents reviewing this information are encouraged to contact their student's counselor with questions. (Please note, it is not until **ALL** students information is obtained at the end of January that the creation of the master schedule begins. The timing of individual career portfolio meetings provides no advantage for students regardless of the time of the meeting. Student course requests are housed in Skyward until **ALL** student requests are complete.)

When choosing courses, the advice of your parents, teachers and counselor should be utilized. Your selections are considered *final* in order to make a master schedule, which accommodates the variety of requests received.

All students are required to carry a minimum of four (4) credits per semester for a maximum of 8 credits per school year. When scheduling courses, students should not double up on sequential courses in the same semester. The high school principal may waive this requirement for seniors, if the student can graduate as a result of the doubling up of courses. No more than two courses from the same department may be doubled up.

In regards to electives, every effort is made to accommodate your first choices. If your chosen electives do not fit your schedule, your alternates are then utilized. If your alternates do not fit your schedule or you did not list alternates when scheduling, an appropriate elective will be entered for you.

In early May, you will be given a copy of your scheduled classes. This schedule will list the courses that you will have next year. ***Changes to your schedule will only be accepted until the last day of school in June.*** Please review your schedule carefully. No changes to individual schedules will be honored once the school year begins unless a student was incorrectly placed or does not meet prerequisites.

Band/Chorus/Orchestra courses can be added/dropped during the first 15 days of the semester. Music courses in enrichment dropped after 15 days will receive a (WF) Withdrew Failing.

Seniors who fail to graduate may petition the High School Principal to return to Eastern York High School for a fifth year, and may be granted approval to carry less than a full load of courses.

Seniors, who fail a subject at the end of the first semester and must repeat that course during the second semester of the school year in order to graduate on time in June, are responsible for notifying their counselor of the failure on the day students receive their final course grade.

Underclassmen who fail a subject in January are rescheduled for that course in the spring semester if

possible. Underclassmen who fail a subject in June may make-up the course either by taking the course in summer school, or by retaking the course during the next school year. Students who attend summer school assume the responsibility for notifying their counselor of their summer school results on the last day of the summer school session so the counselor can make the necessary schedule changes before the start of the school year.

COURSE OF STUDY

This four year plan of study should serve as a guide as you choose your requirements and electives. Honors and Academic students should consider “doubling up” in courses in order to fulfill prerequisites should they plan on taking our most advanced courses.

Subjects	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English 4 Credits	English I Honors English I Academic Language Arts Strategies I	Literature II Honors Literature II Academic Literature II	English III, AP English English III, Academic English III	AP English IV Academic English IV English IV Keystone Standards English IV
Math 4 Credits	Alg IA/IB Keystone Alg I/Acc Geometry Keystone Alg I/Acc Alg II	Geometry A/B Acc Alg II Math Analysis/ Pre-Calc	Acc Alg II/Alg II Pre-Calculus Algebra Standards	Pre-Calculus Probability/Statistics Calculus AP Calculus AP Statistics
Social Studies 4 Credits	Academic. US I US I	AP U.S. History Academic. US II US II	AP Govt/Politics Academic Govt/Econ Govt/Econ	AP World History Academic World History World History
Science 4 Credits	Gen Science (required)	Honors Biology Biology Biology A/B	Honors Chemistry Academic Chemistry Physical Science	AP Physics 1 Academic. Physics Science/Ag Elective Keystone Standards Biology
Personal Finance 1 Credit			Personal Finance taken in 11 th or 12 th grade	Personal Finance taken in 11 th or 12 th grade
Computer Credit	Recommended in 9 th /10 th grades	Recommended in 9 th /10 th grades		

Physical Ed. 1 Credits		PE Health <i>Recommended to take this year</i>	PE Health <i>Recommended to take this year</i>	
Health 1 Credit				
Arts/Humanities 2 credits can be scheduled in any year	Courses designated with *** 2 scheduled electives in 9 th grade	Courses designated with *** 3 scheduled electives in 10 th grade	Courses designated with *** 3 scheduled electives in 11 th grade	Courses designated with *** 4 scheduled electives in 12 th grade
Electives 6 Credits				

Part III

Course Descriptions

COURSE NAME, NUMBER, ETC.

Each course described has five components listed on three lines. The first line contains the course number, the course title, (which may include a grade level) and the course's level of rigor, i.e., general, academic, honors or advanced placement. The second line contains the prerequisites and the third line contains the credit value of the course and the number of periods per 6 day cycle the course meets.

With sequential courses, a student should successfully complete one level with at least a C average before proceeding to the next course in the sequence. For example, students taking a world language in sequential fashion should maintain a C average in the Level I course in order to be recommended for the Level II course.

Arts and Humanities Courses or Electives

Art I
Art II
Art III
Art IV
3-Dimensional Design

Music Theory
Music Technology
Introduction to Guitar
Intro to Piano
Intermediate Piano
Advanced Piano

Sociology/Psychology

Intro to Graphic Communications
Advanced Graphic Communications
Introduction to Photography
Technical Drawing and Design
Architectural Drawing and Design
Advanced Architectural Drawing and Design
Engineering/Drawing and Design
Engineering Technology
Energy, Power and Control
Transportation Systems
Wood Manufacturing I
Wood Manufacturing II
Wood Manufacturing III
Metal Manufacturing I
Metal Manufacturing II
Art Metal & Jewelry Making
Push the Limits

Spanish I
Spanish II
Spanish III
Spanish IV

German I
German II
German III
German IV

Elective Courses

Landscape Design, Forestry, and Soil Science
Small Engines and Welding
Ag Mechanics
FFA Projects- *meets during enrichment, if needed for membership*
Horticulture/Aquaponics/Greenhouse Management
Animal Science & Management
Ecology and Marine Biology
Pre-Veterinary Science
AP Biology
AP Chemistry
AP Physics 2
Video Production
Advanced Video Production
Anatomy & Physiology

Accounting I
Accounting II
Digital Media & Networking I
Digital Media & Networking II
Law for Business and Entrepreneurship
Desktop Publishing
Web Design
Microsoft Office
School – to – Career/Lab
YES Program
Programming

Journalism
Speech and Creative Writing
SAT Preparation

Contemporary Issues
World Religions/Philosophy
AP European History

Probability/Statistics
Calculus
AP Calculus
AP Statistics

Child Care
Healthy Eating on a budget

PE Elective- High Performance Fitness Training

AGRICULTURE EDUCATION

The courses listed below are part of the Agricultural Science (Ag Science) Program and are open to all students. Students enrolled in any Ag Science course will be eligible to join Eastern York High School's Chapter of FFA and compete in academic contests. NOTE: Some courses are only offered every other year, so please plan accordingly.

07569 Landscape Design, Forestry, and Soil Science

1 credit 6 periods/cycle

Students will learn landscape design principles and landscape plant identification. Students will learn to use drafting tools to draw their own landscape designs. Application of this knowledge may come in the form of doing some actual landscape work, as well as putting up a landscape display somewhere on school property or at the PA Farm Show. In Forestry, students will learn tree identification to determine tree value, and how to manage a woodlot. Students will complete several hands-on activities at the school's woodlot and at Sam Lewis State Park. In Soil science, students will complete several labs to determine how to evaluate soil quality. Orienteering is also taught in this class. Students are challenged to create and follow compass courses and they learn how to read and interpret topographic maps.

07572 Small Engines and Welding

1 Credit 6 periods/cycle

In this class, students will have class and hands-on lab time in small engines and welding. The course will cover gas and diesel engine operation, troubleshooting, repair, and applied scientific principles relating to engines. Students will disassemble and rebuild a 3 HP Briggs & Stratton motor. Welding will cover electricity, welder operation, and metals. Students will perform several welds using the following: arc welding, oxy-acetylene and MIG welding.

07573 Ag. Mechanics

1 Credit 6 periods/cycle

Students will complete classroom theory and hands-on applications of safety, tool identification and hardware. Major units of study and practice are completed in surveying, electrical wiring, plumbing, pneumatics and hydraulics and general construction.

07575 Horticulture/Aquaponics/Greenhouse Management.

Prerequisite: **General Science**

1 Credit 6 periods/cycle

Students will learn basic plant science including plant anatomy, requirements for growth, growth stimulants and retardants, plant hormones and plant reproduction. Students will conduct experiments in reproducing plants using seeds, cuttings, grafting and tissue culture. In addition to basic greenhouse management principles, the student will grow and experiment with bedding plants, vegetables, and various ornamentals. Students will also learn about designing and maintaining the home garden, complete a horticultural therapy program, take a field trip to Longwood Gardens and complete annual plant sales.

07576 Animal Science and Management *(Only offered school years starting with an even year)*

Prerequisite: **Earned an 85% or above in Biology and 85% or higher in General Science**

1 Credit

6 periods/cycle

Students will learn basic animal science including breed identification, anatomy and function of animal systems, design of balanced rations, genetics and reproduction. Students will conduct experiments in feeding and nutrition, embryology and genetics. Students will also conduct experiments on products produced by animals such as meat, milk, eggs and wool. A section on veterinary medicine and pet care will also be provided. Dissection of an earthworm and fetal pig are included in the course experience.

07577 Pre-Veterinary Science *(Only offered school years starting with an odd year)*

Prerequisite: **80 % or better Biology A, Biology, or Honors Biology and completion of summer assignment submitted no later than the due date**

1 Credit

6 periods/cycle

This course will examine the practical aspects of animal science as it relates to veterinary medicine. Units of study will focus on large and small mammals. Areas included are anatomy and physiology, nutrition, disease/pathology, surgical procedures, and health management. Use of our animal laboratory will provide students with many hands-on activities. Projects may include, but are not limited to dissections, injections, suturing, and first aid practices. Multiple dissections will take place for this course including both mammalian organs and fetal animal(s) when available. A field trip to a biomedical facility or veterinary facility may be part of this course. The major forms of assessment within the course will be projects and labs. However traditional examinations will also be administered regularly.

07601 FFA Projects

.5 credit

This class will meet during every 4th enrichment period or 25% of the enrichment periods every two cycles. Students will be required to complete a Supervised Agricultural Experience (SAE) project as outlined on the PA FFA website. They may select from the following project categories - entrepreneurship, research project, work experience or environmental improvement project. If a student wants to raise an animal, it is part of the entrepreneurship choice. Students must complete the project book for their area provided on the FFA website. Students will also select at least one FFA contest area to prepare for and compete in at the local or state level. This class has may be taken multiple years and qualifies a student for all FFA activities.

ART DEPARTMENT

07702 Art I ***

1 credit

6 periods/cycle

This is an introductory course focusing primarily on two-dimensional art. There will be a concentration on basic drawing and painting techniques, methods and materials. Special attention will be given to understanding color theory and using the Elements of Art and the Principles of Design to create successful compositions. Studio instruction will be supported by the study of art history and art criticism.

07712 Art II ***

Prerequisite: **Art I**

1 credit

6 periods/cycle

This course will build upon the drawing and painting skills explored in Art I by providing advanced instruction in the development of original compositions. Assignments and problems are structured to allow

for students mastering a full range of media and techniques in drawing and painting while communicating an original point of view. Studio instruction will be supported by the study of art history and art criticism.

07723 Art III***

Prerequisite: **Art I & Art II**

1 credit 6 periods/cycle

This studio course challenges upper level art students in complexity and sophistication of assignments. Students will use critical analysis to inform their own work, as well as their peers. Students will also explore the use of combining mediums, concepts, and techniques while establishing an artistic style of their own.

07724 Art IV***

Prerequisite: **Art I, Art II, & Art III**

1 credit 6 periods/cycle

Art IV allows students to pursue and investigate a more individualized direction with their artistic style. Problem solving and idea development will be a focus. Students will demonstrate how to properly present art by preparing and exhibiting a collection of their own strongest works in an individual hallway showcase. Portfolio building will be integrated into instruction for students planning to pursue Art or Graphic Design post-graduation.

07728 3-Dimensional Design ***

1 credit 6 periods/cycle

This course focuses primarily on three-dimensional design, while providing students the opportunity to explore and use a wider range of materials and techniques. Three-dimensional media includes various types of clay, plaster, wire, fabric, as well as found and non-conventional materials. Applied arts are also investigated, allowing students to create functional works of art.

BUSINESS EDUCATION AND COMPUTER TECHNOLOGY DEPARTMENT

NOTE: Some business classes also satisfy computer education graduation requirements.

07514 Accounting I

Prerequisite: **10th, 11th & 12th Grade Students Only**

1 credit 6 periods/cycle

This course presents all phases of elementary accounting principles, banking activities, payroll, accounting subsystems, special accounting systems and procedures. Practice sets of accounting records for businesses are kept to provide practical experience. This course is recommended for all business students and any academic student planning to pursue a career in business.

***Note to students planning on attending the Consolidated School of Business after graduation:**

Eastern York students who have demonstrated mastery of related competence in Accounting I will be offered 1.5 school credits in Accounting I at Consolidated School of Business. Please contact the admissions officer at CSB to secure this advanced standing.

07524 Accounting II

Prerequisite: At least a “C” or higher in Accounting I

1 credit 6 periods/cycle

This course is an extension of the Accounting I course which focuses on the important internal and external uses of accounting data. Special efforts are made to integrate computer applications with the basic procedures of manual accounting systems to make the course responsive to current business practices.

07580 Personal Finance

Required course to be scheduled in the 11th or 12th grade year.

1 credit 6 periods/cycle

This course will focus on the student’s role as citizen, student, family member, consumer, and active participant in the business world. Topics covered include budgeting, banking services, savings and investing, credit, renting an apartment and auto and obtaining adequate insurance. The course is designed to positively affect a student’s spending and saving habits.

Note to students planning on attending the Consolidated School of Business after graduation:

Eastern York students who have demonstrated mastery of related competences in Personal Finance will be offered 1.5 school credits for Financial Literacy 1 at Consolidated School of Business. Please contact the admissions officer at CSB to secure this advanced standing.

07531 Law for Business and Entrepreneurship

Prerequisite: US I

1 credit 6 periods/cycle

This is an introductory course to help students gain an understanding of both business law, personal law, and the process of starting and operating a business. The first half of the course will deal with contract law, consumer law, and family law. Students will also become familiar with courtroom procedures and court officers. Students will also participate in mock trial situations. The second half of the course will address skills needed to develop a business plan along with financing, protecting and marketing an entrepreneur’s ideas.

07525 Desktop Publishing (For Computer Credit)

1 credit 6 periods/cycle

In this computer elective course, students will learn the art of combining text and graphics as they communicate an effective message in the design process. Desktop Publishing is designed to use the PC and specialized software to create effective documents such as newsletters, brochures, pamphlets, posters, and signs. This class incorporates the Adobe CS3 Suite software including, Photoshop, Illustrator, and Indesign.

07529 Web Design (For Computer Credit)

1 credit 6 periods/cycle

Students will learn proper Web site design and management techniques along with proper procedures to create Websites suitable for coursework, professional purposes, and personal use. Students will learn the fundamentals and some more advanced features of HTML5 and Dreamweaver CS6.

07544 Microsoft Office (For Computer Credit)

1 credit 6 periods/cycle

Students in this course will learn features of the following programs: WORD, EXCEL, and POWERPOINT. This course will address such topics as: formatting pages, adding graphics, in WORD; working with formulas and functions, managing workbooks, creating Charts in EXCEL and customizing presentations, working with embedded and linked objects and using slide show features in POWERPOINT. Students will be able to integrate items within Word, PowerPoint and Excel. Students will also be able to complete documents and work with the similar type of applications within Google Docs.

07545 School-to-Career Prerequisite: Seniors only

1 credit 6 periods/cycle

This course is for Seniors who are interested in participating in a career-related work experience. The opportunities available are: Teacher Volunteer Internships, Diversified Occupations Capstone Program and the Advanced Skills Center “High School Intern Program”.

07546 School-to-Career Laborator

Prerequisite: School-to-Career

1 credit 6 periods/cycle

Use this course number and title when you are selecting the 2nd hour of the following programs: the Internship Program, the Diversified Occupations Program and the Capstone Program.

07547 Your Employability Skills (Y.E.S.) ProgramPrerequisite: 11th and 12th Grade students only

1 credit 6 periods/cycle

This course is designed to teach employability skills necessary to gain and keep employment in all career areas. Topics covered include communications, teamwork, technology, safety and health and personal development. This is the same program, offered to adults throughout York County to enable them to meet the employment requirements for some of the county’s major employers. Upon successful completion of this course, students will receive the York Employability Skills Certificate, which is well recognized and highly regarded throughout the local business and industry community.

07537 Programming (For Computer Credit)

1 credit 6 periods/cycle

Students will learn how to design, develop, test and run a variety of interesting programs. Topics covered include data types, control structures, algorithm development and program design. Students will learn how to program in the Python language.

07523 Digital Media & Networking I

Prerequisites: None

1 credit 6 periods/cycle

In this course, students will learn about different elements of computer operation from software applications and computer systems to basic hardware, operations, and input/output. A hands on opportunity to problem solve and repair current chromebook errors will be given to participants. Additionally students will get an overview of computer design, function, and basic operations. Students will learn and apply

various career skills associated with computer technology. An introduction into career opportunities in the Information Technology field will be provided.

07526 Digital Media & Networking II

Prerequisites: **Digital Media & Networking I**

1 credit

6 periods/cycle

In this course, students will deepen their understanding of computer systems by identifying computer errors and analyzing potential concerns. Students will develop an understanding of the responsible use of digital media and its purpose for communication. Students will examine some tools used to create digital media and discuss best practices in the creation of digital media. This includes an overview of the process used to create new media pieces as well as the basics concepts of project management.

The purpose of this course is to prepare students for the Advanced Placement English III and IV courses. The course concentrates on a variety of literary genres, including the Bible, legend, poetry, short story, novel and drama, with reliance upon discussion, writing, analysis, vocabulary, and critical thinking. Speeches and a research paper on a literary topic are required. Students will also prepare for the Keystone exams in literature. **Students must successfully complete all requirements of a summer reading assignment.**

07001 Literature II, Academic

Recommendation: A “C” average in Academic English I or teacher recommendation
1 credit 6 periods/cycle

Composition work will emphasize the development of writing skills, as well as research as part of developing a persuasive essay. The literature program will include the study of the short story, novel, drama, essay, and poetry, as students continue to prepare for the Keystone exam in literature.

07002 Literature II

Recommendation: Successful completion of English I
1 credit 6 periods/cycle

The course focuses on effective strategies in preparation for the Keystone literature exam. A survey is made of the basic types of literature: short story, novel, drama, essay, and poetry. Composition work will emphasize continued development of writing skills, as well as research as part of developing a persuasive essay.

07017 Advanced Placement (AP) English III

Prerequisite: A minimum of a 90% average in Academic Literature II or an 80% average in Honors Literature II
1 credit 6 periods/cycle

This class will follow the Advanced Placement (AP) English Language and Composition Curriculum Guide. Course objectives include preparing for the College Board AP English Language and Composition Examination for possible college credit and improving students’ skills in critical reading and composition at the college level. This course will focus on rhetorical analysis and argumentation using a variety of sources, with an emphasis on non-fiction texts. This course is intended to prepare students for AP English IV, as well as for college-level English courses.

Students must also successfully complete all requirements of a summer reading assignment.

07018 English III, Academic

Recommendation: At least a “C” average in Academic Literature II, or at least a “B” average in Literature II, or teacher recommendation
1 credit 6 periods/cycle

This course includes a survey of American Literature, vocabulary, the novel, and analytical and critical composition work. The course is designed for college-bound students who exhibit proficiency in language arts and who aspire to higher education. A research paper on a literary topic is required.

07019 English III

Recommendation: Successful completion of Literature II
1 credit 6 periods/cycle

A variety of primarily American literature selections is provided, such as the novel, poetry, drama, and short story. A research paper is required.

07021 Advanced Placement (AP) English IV

Prerequisite: A minimum of a 90% average in Academic English III or an 80% average in AP English III.
1 credit 6 periods/cycle

A course for talented students, this class will follow the Advanced Placement (AP) English Literature and Composition Curriculum Guide. This course requires independent research and will concentrate on advanced studies of composition and literature, i.e., poetry, drama, short story, and the novel. Course objectives include preparation for the College Board Advanced Placement English Literature and Composition Examination for possible college credit, and improving students' skills in critical reading and composition **at the freshman college level** as well as literary analysis in all genres. Active participation in oral discussions is required. A research paper on a literary topic is required. **Students must also successfully complete all requirements of a summer reading assignment.**

07022 English IV, Academic

Recommendation: At least a "C" average in Academic or Honors English III, at least a "B" average in English III, or teacher recommendation

1 credit 6 periods/cycle

This course, which follows a survey of British literature with a focus on humanities, emphasizes critical reading as well as written literary analysis of selected works, in preparation for post-secondary/college level placement. A research paper on a literary topic is required. Participation in class discussions and group activities is also an important component of this course.

07023 English IV

Recommendation: Successful completion of English III

1 credit 6 periods/cycle

This course continues an exploration of various methods of using the English language to communicate effectively, including writing, speaking and listening. The development of grammar and vocabulary skills is also a component of this course. A variety of primarily British literature selections is provided, such as the novel, poetry, drama and short story.

07037 Keystone Standards English IV

Recommendation: None

1 credit 6 periods/cycle

All students who did not achieve a score of proficient or advanced on the Keystone Literature Assessment will be placed in Keystone Standards Literature in their 12th grade year. Students will be required to demonstrate proficiency on each PA Core Standard for Literature through a highly structured and specific framework. All students placed in this course must receive a passing grade in order to graduate/earn an Eastern York diploma.

07030 Journalism *Not for computer credit

Recommendation: At least a "B" in the student's previous English course

1 credit 6 periods/cycle

In this course, students will examine, evaluate, practice and apply the skills of news, sports, editorial and feature writing; interviewing and researching; proof and copy editing. Additional emphasis is placed on both the rights and responsibilities of a journalist in modern American society. The independent assignments and deadline criteria require student initiative and organizational skills.

07081 SAT Preparation

Prerequisite: Junior status, and Accelerated Geometry (07300) or Geometry A/B (07314/07315)

1 credit 6 periods/cycle

This elective course is designed to provide students with the skills needed to succeed in the PSAT and

SAT, exams. This course is designed for students who are college-bound and who have a genuine interest in performing well on the SAT. The course will involve test preparation and test taking strategies, and will cover critical reading, writing, and mathematics skills. Students will spend one marking period on the reading and writing skills and one marking period on the math skills. This course has been implemented specifically for juniors. In the areas of critical reading and writing, students on average have increased their pre-to post-test scores by 100 points when applying the strategies presented.

07035 Speech and Creative Writing ***

Recommendation: At least a “B” in the student’s previous English course
1 credit 6 periods/cycle

The first part of the class will concentrate on improving speaking skills. The second part of the class will develop creative writing skills in composing fiction such as poems, short stories, narratives, etc. Participation in class activities and oral presentations is required. Students will receive two to three assignments per week.

FAMILY AND CONSUMER SCIENCE

07625 Child Care

1 credit 6 periods/cycle

This course will give students the opportunity to work directly with Eastern York School District residents’ pre-school children through a “hands-on” teaching experience. Students are responsible for planning daily learning center activities, circle time activities, story time and nutritious and creative snacks. Students will display knowledge by writing observation summaries and reading and summarizing articles pertaining to preschool children. The social, mental, physical and intellectual development of preschool children is emphasized. **Note: The dress code is strongly enforced in this course.**

07630 Healthy Eating on a Budget

Prerequisite: None
1 credit

This course is an introduction to the basic principles of nutrition, wellness and food preparation. The focus of the course is centered on healthy food and lifestyle choices. The general goal is to enhance student awareness in regards to personal food choices. The overall goal is to enhance student knowledge of food choices and to motivate students to actually improve their choice. Also, this course will include food management, preparation, measurements, selection, storage, and serving foods leading to more advanced skills and concepts. Students will discover the relationship of nutritious food and a healthy lifestyle. Students will apply mathematics and scientific principles while preparing a variety of foods. Mealtime etiquette is emphasized.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

Graduation requirement: Students must successfully complete 1.0 credit of health and 1.0 credits of physical education.

Physical Education (Male and Female)

Prerequisite: None

1.0 credit

6 periods/cycle

In this semester course, students will engage in physical activities that are developmentally and individually appropriate and that support the achievement of personal fitness and activity goals. (PA Standard 10.4.9A) Instruction provided in this course is designed to develop the five components of physical fitness, an appreciation of sport as both a participant and spectator, and provide for the development of socialization skills through competition and teamwork. This course can be scheduled in 9th-12th grades.

Students in grades 9-12 participating in a PIAA varsity sport, marching band or cheerleading can have their co-curricular participation count for the required Physical Education requirement(s). Students utilizing this option agree to the following conditions:

Confirmation of the completion of any PIAA sport will be affirmed by the Eastern York High School Athletic Director and/or Eastern York High School Marching Band Director. Students who successfully complete this activity will earn a "Pass" and will be awarded 0.50 credit of Physical Education. This credit will not be included in grade point average or rank, (neither weighted or unweighted). Pass credit will be added to students transcript at the end of each semester. Only two seasons (1 total credit) will be added to student's transcript. Students who have not taken Physical Education or participated in 2 seasons of approved co-curriculars by the end of their junior year will have Physical Education added to their senior schedule by the Counseling Office.

Health

1.0 credit

6 periods/cycle

This semester course provides an opportunity to study and evaluate contemporary health problems found in our society. This course will enhance the competencies of individuals to make decisions regarding their personal and family health, and the health of the populations of which they are a part. Students will demonstrate the ability to apply prevention and intervention knowledge, skills, and processes to promote safety in the home, school, and community.

07825 PE Elective\High Performance fitness training

Prerequisite: None, if taken in 10th or 11th grades, cannot be taken in same semester

1 credit

Students will learn advanced methods of physical conditioning which will enhance their cardiovascular fitness and muscle strength and endurance. Proper nutrition and building a fitness program using a nutrient dense diet will be utilized. Students will also participate in a variety of individual fitness activities and team sports learning advanced skills and strategies.

MATHEMATICS

Graduation Requirement for incoming Freshmen: Students must successfully complete four (4) credits in mathematics.

Students must complete 4 credits in math to graduate and the 4 credits must be in a sequence of courses. With the new state requirement of the Keystone exams all students will complete at minimum Algebra I and Geometry. Algebra II is highly recommended for students wishing to enter a post-secondary education.

Students entering 9th grade will elect one of the following levels of courses:

Algebra I A&B must be taken sequentially in consecutive semesters. Geometry A&B need to be taken sequentially in consecutive semesters.

Incoming Freshmen

Accelerated (Algebra I in 8th Grade)	Academic		General
Keystone Algebra I	Algebra I A		Keystone Standards 9
Accelerated Geometry	Algebra I B		Algebra I A
Accelerated Algebra II Math Analysis Algebra Standards	Geometry A		Algebra I B
Pre-Calculus	Geometry B Algebra Standards		Geometry A
Calculus	Accelerated Algebra 2	Algebra II	Geometry B
AP Calculus	Math Analysis Pre-Calculus	Algebra III/Trigonometry	Algebra II Algebra Standards
AP Probability & Statistics	Calculus/AP Stats	Probability & Statistics	Probability & Statistics

Notes:

- Learning support base teachers will advise students with an Individualized Education Plan (IEP) as to the appropriate courses to select.
- 8th grade Academic Algebra I students will be placed in Keystone Algebra I to prepare them for the rigors of the Keystone exams.

07393 Algebra I A

1 credit 6 periods/cycle

Note: It is recommended, but not necessary, that all students own a TI-30 Multiview calculator.

This course includes the study of the following: representation and relations of real numbers, solving linear equations and inequalities, functions, slope, graphing, use of estimation, central tendency, and probability.

07394 Algebra I B

Prerequisite: Algebra I A

1 credit 6 periods/cycle

Note: It is recommended, but not necessary, that all students own a TI-30 Multiview calculator.

This course includes the study of the following: apply problem solving, proofs, exponents, roots, analyzing data, rates of change, slope, systems of equations or inequalities, best fit lines, factoring polynomials, rational expressions and equations.

07392 Keystone Algebra I

Prerequisite: 8th grade Academic Algebra I with a C or better.

1 credit 6 periods/cycle

Note: It is recommended, but not necessary, that all students own a TI-83 or TI-84 graphing calculator.

This course includes the study of the following: apply problem solving, proofs, exponents, roots, analyzing data, rates of change, slope, systems of equations or inequalities, best fit lines, factoring polynomials, rational expressions and equations.

07300 Accelerated Geometry

Prerequisite: Keystone Algebra I or Algebra IA and Algebra IB with teacher recommendation.

1 credit 6 periods/cycle

Note: For success in this course, it is suggested that the student have at least a “B” average in Keystone Algebra I, and/or teacher recommendation. This is an accelerated course that completes the requirements of Geometry A & B in one semester.

This course includes the study of the following: properties of angles, polygons, and emphasizes, congruency and similarity in problem solving settings, proofs, right triangle trigonometry, analytic geometry, slope, coordinate geometry, measurement of angles, use parts of circles, segments, spheres, and cylinders to solve problems, use measures of perimeter, circumference, and area to determine solutions, change in dimension, practical probability, surface area, and volume.

07314 Geometry A

Prerequisite: Algebra I A & B or Keystone Algebra I.

1 credit 6 periods/cycle

Note: It is recommended, but not necessary, that all students own a TI-30 Multiview calculator.

This course includes the study of the following: properties of angles, polygons, and emphasizes, congruence and similarity in problem solving settings, proofs, right triangle trigonometry, analytic geometry, slope, coordinate geometry, and measurement of angles.

07315 Geometry B

Prerequisite: Geometry A

1 credit

6 periods/cycle

Note: All students are recommended to own a TI-30 Multiview calculator. This course is a continuation of Geometry A.

This course includes the study of the following: use parts of circles, segments, spheres, and cylinders to solve problems, use measures of perimeter, circumference, and area to determine solutions, change in dimension, practical probability, surface area, and volume.

07302 Algebra II

Prerequisite: Keystone Algebra I or Algebra I A & B and Geometry A & B or Accelerated Geometry

1 credit

6 periods/cycle

This course includes the study of the following: complex numbers, order of operations using complex numbers, exponents, roots or absolute values to solve problems, polynomials, nonlinear equations, change of rates, patterns and relations, exponential and logarithmic functions, families of functions, data analysis, and practical probability.

07310 Accelerated Algebra II

Prerequisite: Keystone Algebra I or Algebra I A & B and Geometry A & B or Accelerated Geometry

1 credit

6 periods/cycle

Note: For success in this course, it is suggested that the student have at least a “B+” in Algebra I B or Keystone Algebra I, or teacher recommendation.

This course includes the study of the following: complex numbers, order of operations using complex numbers, exponents, roots or absolute values to solve problems, polynomials, nonlinear equations, change of rates, patterns and relations, exponential and logarithmic functions, families of functions, data analysis, and practical probability.

07311 Algebra III/Trigonometry

Prerequisite: Algebra II and Geometry B with grades of “C” or better.

Note: It is suggested that students own a TI30XS Multiview calculator.

1 credit

6 periods/Cycle

This course is an extension of Algebra II [7302]. Topics include a study of the basic concepts of algebra, graphics and functions, inequalities and functions of inequalities, polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, trigonometric identities, and applications of trigonometry.

07319 Math Analysis

Recommended: Accelerated Algebra II, Algebra III/Trigonometry, Teacher Recommendation

For success: It is requested that the student have at least a “B” in Accelerated Algebra II.

This courses is a bridge between Accelerated Algebra II and Precalculus. It offers a continuation of topics introduced in Accelerated Algebra II along with trigonometry to prepare students for college and Precalculus. Topics include linear relations and functions, theory of equations, conics, combinations and

permutations, exponential functions, logarithms and conics. The trigonometric concepts include the unit circle, coterminal angles, the six trig functions and their graphs, proof with sum/difference, half angle and double angle identities, trig identities, trig inverses and application problem

07321 Pre-Calculus

Recommended: Math Analysis or Teacher Recommendation

1 credit 6 periods/cycle

Note: For success in this course it is requested that the student have at least a 80% in Math Analysis or Algebra III/Trigonometry.

This course introduces the concepts that will be mastered in Calculus. Topics will include limits, polar and parametric and vector functions, differentiation, continuity, intermediate value theorem, sequences and series. Mathematical maturity is required to continue in this rigorous course."

07324 Calculus

Prerequisite: Pre-Calculus/Trigonometry and teacher recommendation.

1 credit 6 periods/cycle

Note: All students are required to own a TI-83 or TI-84 graphing calculator.

This is an elective course for those students planning to pursue a career in (or related to) science or mathematics. It is comparable to a first-year college course. Topics include the Cartesian plane, functions, limits and continuity, differentiation and integration, logarithms and exponential functions, and trigonometric functions.

07231 Advanced Placement (AP) Calculus

Prerequisites: Calculus and teacher recommendation

1 credit 6 periods/cycle

This course offers an advanced mathematical method to fundamental topics, including advanced integration techniques and physical applications of integrals. Students successfully completing this course will be prepared to take the AP Calculus AB Exam. The AP Calculus exam is offered in May.

07398 Advanced Placement (AP) Statistics

Prerequisite: Pre-Calculus or Accelerated Algebra II and teacher recommendation.

1 credit 6 periods/cycle

Note: For success in this course it is suggested that the student have at least a "B" in Pre-Calculus or an 85% in Algebra III/Trigonometry. All students are required to own a TI-83 or TI-84 graphing calculator.

This course offers an advanced introduction to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who enroll in this course will explore data by describing patterns and departures, sampling and experimentation through planning and conducting studies, anticipate patterns by exploring random phenomena using probability and simulation, and use statistical inference by estimating population parameters and testing their hypotheses. Students successfully completing this course will be prepared to take the AP Statistics Exam which is offered in May.

07397 Probability & Statistics

Prerequisite: It is highly recommended that students have at least a "C" in Algebra II.

1 credit 6 periods/cycle

Note: All students are required to own a TI-83 or TI-84 graphing calculator.

This course will involve translating numerical and descriptive data into charts and graphs, calculating measures of central tendency and variability, studying the normal curve and calculating the probability of various events.

07081 SAT Preparation

Prerequisite: **Junior status, and Geometry A/B or Accelerated Geometry**

1 credit

6 periods/cycle

Note: This course is designed for 11th grade students. SAT Prep does not count as a math credit, but does count as an elective credit.

This elective course is designed to provide students with the skills needed to succeed in the PSAT and SAT exams. This course is designed for students who are college-bound and who therefore have a genuine interest in performing well on the SAT. The course will involve test preparation and test taking strategies, and will cover critical reading, writing, and mathematics skills. Students will spend one marking period on the reading and writing skills and one marking period on the math skills. This course has been implemented specifically for juniors. In the areas of critical reading and writing, students on average have increased their pre-to post-test scores by 100 points when applying the strategies presented.

07307 Algebra Standards

1 credit

6 periods/cycle

All junior students who previously took the Keystone Algebra I assessment and did not achieve a score of proficient or advanced will be placed in Algebra Standards in the first semester of their 11th grade year. Algebra I Standards students will be required to demonstrate proficiency on each PA Core Standard by completing a structured, specific and targeted course framework.

MUSIC DEPARTMENT

07741 Music Theory***

Prerequisite: Ability to read music.

1 credit 6 periods/cycle

This course will concentrate on the aural, oral, and written mechanics of music composition, performance, and appreciation. Topics will include: sight singing, solfege, melody writing, four-part writing, analysis, rhythmic dictation, one- and two-part melodic dictation and basic concepts in composition.

07747 Introduction to Piano***

1 credit 6 periods/cycle

This course is an elective for students who wish to develop basic piano skills and continue to develop their music reading skills. Fundamental keyboard technique, music notation reading, and aural skills will enable the student to perform simple songs with accompaniment.

07748 Intermediate Piano***

Prerequisite: Introduction to Piano, students must have at least an 85% in Introduction or teacher recommendation.

1 credit 6 periods/cycle

Using previous knowledge from introduction to piano, students will continue to perform on the piano with expression and technical accuracy by playing a varied repertoire of music with a higher level of difficulty. Additionally, we will explore the works of famous pianists and composers throughout the course.

07749 Advanced Piano***

Prerequisite: Intermediate Piano, students must receive at least an 85% in Intermediate or Teacher recommendation.

1 credit 6 periods/cycle

Using previous knowledge from intermediate piano, students will continue to perform on the piano with expression and technical accuracy by playing a varied repertoire of music with a higher level of difficulty. Additionally we will explore the most important historical music eras through course study, practice, and aural skills.

07742 Music Technology ***

1 credit 6 periods/cycle

This course is an elective designed for students interested in exploring musical concepts and creating music through the use of software and hardware. Topics covered include: electronic music, music notation, digital audio, music sequencing, and recording.

07734 Introduction to Guitar***

1 credit 6 periods/cycle

The course is an elective for students interested in exploring the basic musical and cultural elements of Western Popular music. Students will learn about various genres such as Classical, Blues, Jazz, and Rock & Roll thru the use of the electric guitar lab.

MUSIC PERFORMING ENSEMBLES

07731 High School Chorus***

Prerequisite: **Students must have been enrolled in Middle School Chorus and/or be recommended by the Teacher.**

.5 credit for full year 3 periods/cycle

This vocal performance course is designed to guide the student in discrimination and appreciation of music and to acquire some understanding of musical notation.

07735 Concert Choir***

Prerequisite: Audition

1 credit for full year 6 periods/cycle

Concert Choir is offered to students from High School Chorus who will be selected according to their ability. Entry is gained through audition.

07730 Jazz Band***

Prerequisite: **Previous instrumental music study or willingness to study privately.**

.5 credit for full year 3 periods/cycle

This course is similar in scope to the Concert Band course, but emphasizes the jazz genre. Jazz Band is open to students from Concert Band according to the instrumentation needs of the ensemble. Entry is gained through audition.

07736 Concert Band***

Prerequisite: **Previous instrumental music study or willingness to study privately.**

.5 credit for full year 3 periods/cycle

This course is designed to develop the student's playing ability, cognitive understanding, and aesthetic awareness of music through the performance and analysis of selected compositions.

NOTE: Marching band is an extracurricular activity, which meets outside the school day. A student should be enrolled in Concert Band in order to participate in Marching Band.

07739 Full Orchestra***

Prerequisite: **Previous instrumental music study or willingness to study privately.**

.5 credit for full year 3 periods/cycle

This course is designed to develop the student's playing ability on an orchestral instrument. Students will increase their musical understanding by studying and performing a variety of orchestral pieces. Brass, woodwind & percussion players who are currently enrolled in concert band may join by audition.

SCIENCE DEPARTMENT

Graduation Requirement: Students must successfully complete four (4) science credits to graduate.

All 9th-grade students will be required to pass the General Science course. Upon completion of this requirement, the student may select the Accelerated, Academic or the General Track and follow through with the required core courses sequentially. Should a student choose the Accelerated or Academic Track, he/she must complete the four (4) core courses to graduate. Should a student select the General Track, he/she must complete three (3) core courses and one (1) science elective to graduate.

<i>Accelerated</i>	<i>Academic</i>	<i>General</i>
General Science	General Science	General Science
Honors Biology	Biology	Biology A & B
Honors Chemistry AP Chemistry	Academic Chemistry	General Physical Science
AP Physics I AP Physics II AP Biology Anatomy & Physiology	Academic Physics Anatomy & Physiology	Science electives that qualify for a science credit: *Animal Behavior, Health & Nutrition *Ecology/Marine Biology *Horticulture/Aquaponics/Greenhouse Management *Landscape Design and Soil Science *Pre-Veterinary Science *Keystone Standards Biology

Notes:

- **The science electives are open to all students; check the complete listing under the Ag Science Department and Science Department.**
- **Students with a strong interest in science are encouraged to take science electives in addition to their core science courses.**

07294 General Science

1 credit

6 periods/cycle

This is a course in which students will explore 9 weeks of Agricultural Science and 9 weeks of Biochemistry. The Biochemistry course of study will serve as a strong foundation for further study in all biology and chemistry courses. Areas of study will include atomic structure, bonding, intermolecular forces, reactions, organic compounds and factors affecting enzymes. The Agricultural Science portion of the course includes many biological principles geared towards students for the Biology Keystone Exam, biology courses and science elective courses. Laboratory safety, genetics, soil, plant, animal and environmental sciences, as well as general agricultural science practices will be covered. A final examination will be proctored at the end of each 9 weeks. These exams will be combined for a final examination grade in the course.

07198 Biology A

Prerequisite: **General Science**

1 credit 6 periods/cycle

This course explores the theories, concepts, and factual information needed to understand living organisms and life. Laboratory work and techniques are an important part of the course. There will be a specific emphasis on the concepts of Module I of the Keystone.

07199 Biology B

Prerequisite: **Biology A**

1 credit 6 periods/cycle

This course explores the theories, concepts, and factual information needed to understand living organisms and life. Laboratory work and techniques are an important part of the course. There will be a specific emphasis on the concepts of Module II of the Keystone Biology State Assessment. *At the conclusion of this course, students will take the Biology Keystone State Assessment. Demonstrated proficiency on the Biology Keystone Exam is a graduation requirement starting with the Class of 2019.

07201 Biology

Prerequisite: **General Science must have an 85% in General Science and Teacher recommendation.**

1 credit 6 periods/cycle

This course explores the theories, concepts, and factual information needed to understand living organisms and life. Laboratory work and techniques are an important part of the course. *At the conclusion of this course, students will take the Biology Keystone exam. Demonstrated proficiency on the Biology Keystone Exam is a graduation requirement starting with the Class of 2019.

07211 Honors Biology

Recommended: **85% or better in General Science and 85% or better in Academic or Honors English. Required: Completion of Summer Assignment received by due date.**

1 credit 6 periods/cycle

Honors Biology requires extended thinking in the explorations of the theories, concepts and factual information needed to understand living organisms and life. For each of the core units (anchors) the student will be expected to complete a level four Depth of Knowledge, higher level learning activity. There will be a specific emphasis on the concepts of Module I and II of the Biology Keystone State Assessment. *At the conclusion of this course, students will be required to take the Biology Keystone examination. Demonstrated proficiency on the Biology Keystone Exam is a graduation requirement starting with the Class of 2019.

07234 Advanced Placement (AP) Biology

Prerequisite: **Completion of a Biology course. Recommendations: Advanced on the Keystone Biology Assessment.**

1 credit 6 periods/cycle

This course offers an advanced level biology course in which students extend their understanding of biology through inquiry-based investigations as they delve into the topics of evolution, cellular processes, genetics and ecology. The laboratory work provides students with opportunities to apply science practices. Students who successfully complete this course will be prepared to take the AP Biology Exam which is offered in May."

07204 Honors Chemistry

Prerequisite: **Accelerated Algebra II (85% or better final grade), and satisfactory completion of Summer Work Packet by the due date.**

1 credit

6 periods/cycle

This first semester accelerated course is designed for students having a strong interest in pursuing careers in science, engineering, or medical related fields. Problem solving is a fundamental part of this course and students should have a strong math background in algebra. Students will be exposed to a wide variety of chemical principles and will be prepared to take advanced science courses.

07209 Academic Chemistry

Prerequisites: **Biology, Geometry B (85% or better final grade)**

1 credit

6 periods/cycle

This course is designed to meet the needs of students wishing to pursue non-science careers. The topics will include composition of matter, mixtures, separation techniques, the Periodic Table, atomic structure, electron arrangement, chemical reactions, acids, bases, bonding, and chemical nomenclature and an introduction to other areas of chemistry.

07235 General Physical Science

Prerequisite: **General Science, Biology**

1 credit

6 periods/cycle

This is a survey course of the basic science principles, which promotes a better understanding of the physical world we live in. (This course is not designed to provide a foundation for college or any post-high school technical training)

07230 Advanced Placement (AP) Chemistry

Prerequisite: **Fall semester Honors Chemistry (85% or better final grade), Pre-Calculus (may be taken simultaneously), Teacher recommendation**

1 Credit

6 periods/cycle

This is a second semester course built upon a successful completion of Honors Chemistry. It is recommended for students pursuing science or engineering careers. This course, supplemented with independent study, will prepare students for the AP Chemistry Exam taken in May.

07212 Ecology and Marine Biology

Prerequisite: **2 Science credits; one in General Science and one in Biology**

1 credit

6 periods/cycle

Ecology is an elective and a lab science for students and may count as a 4th science credit. An understanding of basic ecological concepts is applied to environmental problems and their possible solutions. The first half of the course will focus on gaining an understanding of the significance, status and preservation of our natural resources. A field trip run by the Chesapeake Bay Foundation that involves a day of learning activities including canoeing is planned for each class. The second half of the course will be topics in marine biology including principles or marine science, organisms of the sea, structure and function of marine ecosystems and humans and the sea.

07236 Anatomy and Physiology (formerly Advanced Biology)

Prerequisite: **Biology with a minimum final grade of 80% or better and teacher recommendation.**

1 credit

6 periods/cycle

Anatomy and Physiology is an academic elective course which will investigate and connect Biology concepts as they pertain to mammalian anatomy and physiology. An emphasis will be placed on lab work and will include mammalian animal dissection. Topics covered include the following: Cytology, Genetics, Histology, Skeletal system, Muscular system, Circulatory system, Digestive system and the Nervous system.

07226 Academic Physics

Recommended: Academic Chemistry, 85% or better in Algebra II or with teacher recommendation.

1 credit

6 periods/cycle

This course provides exposure to the fundamental principles and processes of the physical world both conceptually and mathematically using Algebraic concepts. Topics include; scientific thinking, Newtonian mechanics (motion), work, energy, power, mechanical, waves and sound. Upon completion students should be able to describe and implement examples and applications of the principles studied. Laboratory experiments and computer-based exercises will enhance and consolidate the understanding of basic physical principles and their applications.

07222 AP Physics 1

Prerequisites: 85% or better in Honors or Academic Chemistry or teacher approval. Required is completion of the summer assignment by the due date.)

1 credit

6 periods/cycle

This accelerated course is equivalent to a first semester college course in algebra-based physics and offers an advanced mathematical approach to fundamental topics in Physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum), work, energy, power, mechanical waves and sound. It will also introduce electric circuits. These topics will be discovered and developed through various laboratory activities. This course is designed for students with a strong interest in pursuing careers in science, engineering or mathematics based fields. In addition this course will prepare students to take the AP Physics 1 Exam in May.

07225 AP Physics 2

Prerequisites: AP Physics 1

1 credit

6 periods/cycle

This should read-This course is equivalent to a second semester college course in algebra based physics and offers an advanced mathematical approach to fundamental topics in Physics. The course covers fluid mechanics, thermodynamics, electricity, magnetism, optics, atomic and nuclear physics. These topics will be developed through various laboratory activities computer simulations and will include an independent research project. This course provides a foundation in Physics for students in the sciences, engineering and other applied mathematics based fields. In addition this course will prepare students to take the AP Physics 2 Exam in May.

07203 Keystone Standards Biology

Prerequisites: None

1 credit

6 periods/cycle

All students who did not achieve a score of proficient or advanced on the Keystone Biology Assessment will be placed in Keystone Standards Biology in their 12th grade year. Students will be required to demonstrate proficiency on each PA Core Standard for Biology through a highly structured and specific framework. All students placed in this course must receive a passing grade in order to graduate/earn an Eastern York diploma.

SOCIAL STUDIES DEPARTMENT

Graduation Requirement: Students must successfully complete a minimum of four (4) credits in Social Studies.

Classes are divided into three levels in grades 10, 11 and 12 with more challenging classes called “Academic”. Most challenging courses are termed Advanced Placement (AP) and approved by the College Board. Learning support base teachers will advise students with an Individualized Education Plan (IEP) as to the appropriate courses to select.

07190 Academic U.S. History I

Prerequisite: None

1 credit

6 periods/cycle

Academic U.S. History I will present a detailed approach to America, beginning with the French and Indian War and ending in with life at the turn of the 20th Century. Students will be able to participate in multi-disciplinary projects including, but not limited to, Art, Music, Religion, Literature, and Geography. Intense research and writing across the curriculum will be used to better understand the events and people who built America. Academic skills will be stressed so that the students will successfully receive an in-depth background to American Culture. Students will take six common assessments throughout the course.

07192 U.S. History I

Prerequisite: None

1 credit

6 periods/cycle

U.S. History I will present a detailed approach to America, beginning with the French and Indian War and ending with life at the turn of the 20th Century. Students will be able to participate in multi-disciplinary projects including, but not limited to, Art, Music, Religion, Literature, and Geography. Basic research and writing across the curriculum will be used to better understand the events and people who built America. Academic skills will be stressed so that the students will successfully receive an in-depth background to American Culture. Students will take six common assessments throughout the course.

07193 Advanced Placement United States History

Prerequisite: **Successful completion of Academic U.S. I and/or a recommendation from a Social Studies teacher.**

1 credit

6 periods/cycle

The AP U.S. History course will be offered as a higher level to the required U.S. History II course. The AP U.S. History course will fulfill one of the required four Social Studies credits needed for graduation. The major purpose of this course is to provide students with the materials related to United States history at a college level. The students will study United States history from the Pre-Columbian era to the present day and will be asked to analyze and examine patterns and change over time throughout the development of the United States.

07100 Academic U.S. History II

Prerequisite: **Academic U. S. History I**

1 credit

6 periods/cycle

Academic U.S. II will investigate U.S. History from 1896 to the present. An emphasis will be placed on America's growing diversity and the accompanying challenges while 20th and 21st Century themes are explored. This course is designed at an academic level for the college-bound student. Students will take six common assessments throughout the course.

07102 U.S. History II

Prerequisite: **U. S. History I**

1 credit

6 periods/cycle

US History II will trace the events in U.S. History from 1896 to the present. An emphasis will be placed on America's growing diversity and the accompanying challenges while 20th and 21st Century themes are explored. Students will take six common assessments throughout the course.

07124 Advanced Placement (AP) U. S. Government and Politics

Prerequisite: **Academic U.S. I and II or AP U.S. History or recommendation from a previous teacher. This course will replace the 11th grade mandatory Government and Economics course.**

1 credit

6 periods/cycle

Advanced Placement (AP) Government is a course for talented students who will focus on the constitutional basis of U.S. government and the duties of all Americans. Students will research and study political beliefs and behaviors, political parties, interest groups, and mass media as they relate to the way we govern ourselves. Course objectives include preparation for the College Board Advanced Placement Examination for possible credit, appreciation and better understanding of politics and political behavior, and improvement of critical thinking and analysis.

07117 Academic American Government

Prerequisite: **Academic U.S. History I and II or AP United States History**

1 credit

6 periods/cycle

Academic Government provides students with the sense of their place as young, responsible Americans. The institutions responsible for making and enforcing policies and laws of the nation are examined. This portion of the course concludes by comparing different governments of the world. It is an academically demanding course. Academic Economics is a study of the economic theory and an in-depth study of economic problems facing the United States and the world. Students will be challenged to solve various economic problems and deal with many real-life economic choices. Students will take six common assessments throughout the course.

07113 American Government

Prerequisite: **U.S. History I and II**

1 credit

6 periods/cycle

The quality of our lives depends upon the quality of our government and individual economic decisions. In order for students to make rational, informed choices, the decision making process will be examined and practiced. Examples of this will include voting, volunteering, input into local and state government, check writing, credit card use, budgeting, banking, taxes, and becoming involved in any other pertinent activities. Economics will be interwoven into the course, providing students with a good knowledge base of the monetary exchange in the US. Students will take six common assessments throughout the course.

07191 AP World History

Prerequisite: **Successful completion of Academic U.S. I, Academic US II or AP U.S. History, Academic Government/Economics or AP Government/Economics and /or a recommendation from a Social Studies teacher.**

1 credit

6 periods/cycle

The AP World History course will be offered as a higher level to the required World History course. The AP World History course will fulfill one of the required four Social Studies credits needed for graduation. Students will study world history from the beginning of time to the present era and will be asked to analyze and examine patterns and change over time throughout the world. Intense study and research will be conducted on the histories of Asia, Africa, and South America.

07132 Academic World History

Prerequisite: **Academic U.S. History I, Academic U.S. Cultures II or AP U.S. History, Academic Government/Economics or AP Government/Economics or a recommendation from a previous teacher**

1 credit

6 periods/cycle

This course engages students in the study of world history in order to achieve a more critical and integrated understanding of today's global societies and world issues. The scope of World History allows us to explore widely across all aspects of the human experience: politics and law, economics, science, religion, philosophy, military conflict, literature, and the arts. The approach we will take is a chronological one within different cultural regions. Students will explore developments in Africa, Asia, the Americas, and Europe. Students will refine their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

07133 World History

Prerequisite: **U.S. History I, U.S. History II, and U.S. Government and Economics**

1 credit

6 periods/cycle

This course engages students in the study of world history in order to achieve a better understanding of today's global societies and world issues. The scope of World History allows us to explore widely across all aspects of the human experience: politics and law, economics, science, religion, philosophy, military conflict, literature, and the arts. The approach we will take is a chronological one within different cultural regions. Students will explore developments in Africa, Asia, the Americas, and Europe. Students will increase their ability to read for comprehension and critical analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to present information.

07123 Contemporary Issues

Prerequisite: **U. S. History I, U.S. History II or AP US History**

1 credit

6 periods/cycle

With young people in today's society facing so many contemporary problems and issues, it is imperative that these students be able to discuss, elaborate upon, and research the current topics. This course will initiate the student's ability to express himself/herself appropriately and work together within a team to solve problems. This course will stress individual responsibility as it relates to team building skills to reach objectives. This course does not replace any required Social Studies course and is an elective.

07122 Sociology/Psychology***

Prerequisite: **Academic U.S. History I, Academic U.S. History II or AP US History**

1 credit

6 periods/cycle

Sociology will present various segments of society so students can discuss how humans function. Students will be provided with the opportunity to develop an in-depth study of several societal problems and the social interactions of group dynamics. Group reports and individual projects will be utilized. Psychology will present how humans respond to their environment. This will provide a basis to better understand individual actions. Various theories and approaches to Psychology will be explored including behavior, human development, perception, memory and personality. This is an elective course.

07194 AP European History

Prerequisite: **Academic US History I, Academic US History II or AP US History**

1 credit

6 periods/cycle

The AP European History course will cover the history of Europe from the Middle Ages up to the present. Students will engage in historical and philosophical scholarship of the themes: intellectualism, culture, politics, economy, diplomatic relations, and society. The AP European History course is designed to mimic the rigor of a college survey European History class. This course will include the reading of primary and secondary sources, writing on a college level, and historiographical interpretation of events in Europe from 1450 to the present. This course is offered as an elective.

07126 World Religion & Philosophy

1 credit

6 periods/cycle

The Philosophy/World Religions course will be taught at an academic level and is appropriate for a college-bound student. It is a combination of 2 separate social science disciplines. Philosophy is an introduction to the methods, problems, and theories of the main branches of Philosophy and questions raised regarding the nature of reality, truth, morality, power, meaning, purpose, and valid reasoning. In the

World Religions portion of this course, students will study the history, development, and impact of the world's five major religions – Judaism, Christianity, Islam, Hinduism, and Buddhism.. If time permits religions smaller in size and/or influence will also be studied.

TECHNOLOGY EDUCATION DEPARTMENT

07033 Video Production - Not for computer credit

Prerequisite: **Juniors and Seniors only**

1 credit 6 periods/cycle

This class is responsible for producing and generating news reports, commercials, stop motions, and PSAs for the morning announcements. Students will learn to use the equipment in the school's TV studio including the green screen. Curriculum topics will include camera techniques, video composition, lighting, and sound. Students will learn to edit their films using the software Adobe Premiere Pro. This is the same program that many professional organizations use.

07034 Advanced Video Production

Prerequisite: **Seniors only**

1 credit 6 periods/cycle

Students will produce their own films in this class which will focus on longer productions such as documentaries, short films, and events. The class also includes an overview of business principles so that students can create their own product, make a commercial for it, and then market it in a filmed Eastern version production of the TV Show Shark Tank. Opportunities to film live sporting events with a director and multiple cameras may also be offered. Adobe Encore is used to create their own DVD Menus with multiple links, and Adobe After Effects which is used to create special effects will also learn to use the DVD authoring software Adobe Encore to create their own DVD menus with multiple links, and Adobe After Effects which is used to create special effects. Although not required, it is recommended that students take Video Production first.

07603 Introduction to Graphic Communications* Not for computer credit**

1 credit 6 periods/cycle

This communications technology course provides students with the knowledge of the basic principles of design and develops skills in their application. The course will introduce students to common printing processes, including offset lithography, screen-printing, and photography. This course is project oriented and will allow students an opportunity to use industry standard graphic software, including Adobe PhotoShop, Illustrator, and InDesign. Students will pay for materials and supplies used for some projects.

07613 Advanced Graphic Communications* Not for computer credit**

Prerequisite: **Introduction to Graphic Communications**

1 credit 6 periods/cycle

In this course students will apply and analyze information technologies. Students will create images to effectively convey messages and learn techniques for evaluating printed and digital media. Principles of color, digital composition, image manipulation and other advanced concepts will be explored. This course is project oriented and will allow students the opportunity to use industry standard design and imaging software. Materials and processes of information technologies will be used to solve real world problems. Students will pay for materials and supplies used for some projects.

07622 Introduction to Photography * Not for computer credit**

1 credit 6 periods/cycle

This technology education course will provide students an opportunity to learn the fundamentals of photography. Photographic technology is the use of equipment, materials, and processes to produce images from light. Students will learn the history of photographic technologies, and explore the impacts of modern photographic methods. This project based class, will include time for students to use photographic technologies such as digital cameras, photo editing software, and digital printers to capture, manipulate, and print their own photographs. Students will improve their own abilities to produce quality photographs in this hands-on course. Students will pay for some materials used.

07609 Technical Drawing and Design* For computer credit**

1 credit 6 periods/cycle

In this class you will learn how to design everything from toys to tools to car parts. You will use state of the art software and hardware to design and build objects. Imagine designing a toy car or an action figure and then printing it on a 3D printer. If you like to be creative and learn how things are made, you will enjoy this course. Students will pay for materials and projects.

07611 Architectural Drawing and Design* For computer credit**

1 credit 6 periods/cycle

Put your imagination to work and learn what it takes to be an architect, interior designer or engineer. If you plan on owning a home one-day, this course is also for you! Draw your dream home and build a 3-dimensional model to showcase your talents. Come prepared to have fun and pick up skills that will last a lifetime. Students will pay for materials and projects.

07612 Engineering Drawing and Design***

Prerequisite: **Technical Drawing and Design**

1 credit 6 periods/cycle

Expand your basic drawing and design skills in this advanced class. Learn to draw machine parts like cams, gears and threads. Design, draw and build a model crane to lift a heavy load. Use geometry skills to design and construct a package for a fragile object. Make pictorial assembly drawings and write instructions for assembling a toy. Unleash your inner engineer and see how your imagination can be used!

07619 Advanced Architectural Design***

Prerequisite: **Architectural Drawing and Design**

1 credit 6 periods/cycle

In this course, you will expand upon the skills you gained in the first level class. You'll learn how to design multi-story houses, design heating and cooling systems, use 3-dimensional CAD software, and gain first-hand knowledge about careers related to architecture and engineering. Activities will include designing a two-story dream home and building a structural model of your design. Come prepared to have a great time and learn a lot in the process! Students will pay for materials and projects.

07614 Energy, Power and Control ***

Prerequisite: None

1 credit 6 periods/cycle

Develop and expand your knowledge of electricity, electronics, alternative energy, robotics, power transmission and fluid power systems. This course uses hands-on projects, problem solving and technological discovery to explore principles which are relevant in today's technical society. Lego Systems, student designed projects and custom built robots encourage exploration and study of scientific principles. Students will pay for materials and projects.

07618 Transportation Systems ***

1 credit 6 periods/cycle

Transportation Systems involves the study and exploration of the movement of people and materials. Air, space, land and water transportation will be studied. Rocketry, aircraft, boats, cars and remote controlled vehicles will be studied, constructed and tested. Propulsion, steering, control and suspension will all be examined in hands-on, practical activities. Alternative fuel vehicles will also be examined for efficiency and possibilities for the future. Students will pay for materials and projects.

07606 Wood Manufacturing I***

1 credit 6 periods/cycle

This course in manufacturing emphasizes safe and efficient tool and machinery use in order to manipulate materials. Students will follow an order of operations, which will emphasize proper procedures and assembly methods. Students will be required to construct a variety of projects that will allow them to gain all basic woodworking skills. Each student will learn to measure accurately, read plans, calculate shop bills, and be competent on all major tools and equipment within the woodworking lab. Students are responsible for paying for all materials used in the construction of five assigned projects which are as follows: cutting board, picture frame, jewelry box, collapsible table, and an approved project of choice.

07616 Wood Manufacturing II***

Prerequisite: **Wood Manufacturing I**

1 credit 6 periods/cycle

This course in the manufacturing emphasizes safe and efficient tool and machinery use in order to manipulate materials. Beyond Wood I, we will discuss and implement advanced joinery, design processes, advanced machinery processes, and alternative manipulation techniques. There will be review of machine operation and safety, materials calculation, and measurements. Student learning will be based on personally designed, created, tested, and produced projects. *Students will be responsible for paying for all materials used in the manufacturing of self-selected projects.

07626 Wood Manufacturing III***

Prerequisite: **Wood Manufacturing I & Wood Manufacturing II**

The major purpose of this course is to provide the student with the opportunity to extend knowledge and skills acquired in Wood I and Wood II. Students will be required to present safety lessons on the major equipment of the lab. Students will be given project challenges that will require the application and implementation of information from previous Wood Manufacturing courses. We will be introduced to manufacturing in regards to profitability, efficiency, accuracy, and marketability. Proper joinery, good design, proper construction, teamwork, communication skills, and cooperative learning are all emphasized. *Students are responsible for paying for all materials used in this course.

07604 Engineering Technology***

Prerequisite: **One (1) Technology Education Elective**

1 credit

6 periods/cycle

Engineering Technology is a laboratory based Technology Education course, which focuses on the theory, processes, methodology and impacts of engineering on society. The areas of chemical engineering, mechanical engineering, biotechnology, civil engineering and electrical engineering will be studied within a framework of hands on problem solving, exploration and historical perspectives. Students will work both in groups and individually in the solution and completion of problems. Student will not take their projects home. *Students will pay for materials.

07607 Metal Manufacturing I***

1 credit

6 periods/cycle

This technology education course is a course designed to provide technical as well as practical (hands-on) experiences in the metalworking field. Students will design and build their own projects while exploring the following processes: metal casting, forging, welding, machining, and some sheet metal applications.

*Students will pay for materials.

07617 Metal Manufacturing II***

Prerequisite: **Metal Manufacturing I**

1 credit

6 periods/cycle

This technology education course is designed to build upon the fundamental skills and knowledge obtained in the introductory class. Major emphases include: an exploration into industrial metal technology processes, especially related to metal casting, forging, welding, machining, and sheet metal work. Students will also design and build their own projects. Students will pay for materials used.

07621 Art Metal & Jewelry Making***

1 credit

6 periods/cycle

This technology education course will allow students to design jewelry and artistic sculptures using metal manipulating processes. This is a hands-on course. Processes will include but will not be limited to lost wax casting, jewelry making, metalsmithing, sheet metal manipulation, welding and soldering. Projects can include rings, necklaces, bracelets, yard art, lanterns and sculptures. *Students will pay for materials used.

07620 Push the Limits ***

1 Credit

6 periods/cycle

This course is designed to allow you to think outside the box and solve problems with the knowledge that you have. To complete a variety of challenges, you will draw from experiences from past classes, use personal experiences, and research in areas that you wish to learn more about. You will understand how we solve real world problems, build prototypes, and experiment with new designs. How often have you asked "why do I need to know that?" This is your chance to not only see firsthand how skills apply but prove that you did pay attention as well as gain mastery. Bring an open mind and willingness to build and break down what you believe. *There is a ten dollar fee to cover materials consumed.

WORLD LANGUAGE DEPARTMENT

07492 Spanish I***

1 credit

6 periods/cycle

Spanish I is offered to students in Grades 9 to 12 who wish to pursue the study of a world language. Primary attention is directed toward the acquisition of a basic vocabulary and a working knowledge of basic Spanish grammar.

07405 Spanish II***

Prerequisite: A "C" or higher in Spanish I, or teacher recommendation

1 credit

6 periods/cycle

Spanish II is offered to students who wish to continue with the skills learned in Spanish I. Spanish II places emphasis on acquiring greater skill in grammatical aspects and on reading, writing, and basic conversational fluency.

07413 Spanish III***

Prerequisite: A "C" or higher in Spanish II, or teacher recommendation

1 credit

6 periods/cycle

In Spanish III, students will continue a more in-depth study of speaking, reading, and writing Spanish. In addition, the culture of the Hispanic countries will be studied.

07423 Spanish IV***

Prerequisite: A "C" or higher in Spanish III, or teacher recommendation

1 credit

6 periods/cycle

Students in Spanish IV will continue to develop their skills and will study the culture of the Hispanic countries in more depth.

07494 German I***

1 credit

6 periods/cycle

German I is offered to all students who wish to pursue the study of the German language and culture. This course emphasizes listening comprehension and oral expression as well as reading and writing skills.

07496 German II***

Prerequisite: A "C" or higher in German I, or teacher recommendation

1 credit

6 periods/cycle

German II is offered to all students who wish to continue with skills learned in German I. German II places stronger emphasis on grammar and oral expression, with continued work with writing and composition.

07415 German III***

Prerequisite: A "C" or higher in German II, or teacher recommendation

1 credit

6 periods/cycle

German III is offered to students who want to develop a thorough knowledge of German language and

culture. This course explores speaking topics and situations in greater detail, and expands on speaking, listening, writing and reading skills. After its successful completion, students will be able to cope with everyday situations in an all-German speaking environment.

07424 German IV***

Prerequisite: A "C" or higher in German III, or teacher recommendation

1 credit

6 periods/cycle

German IV is offered to students who want to acquire an in-depth knowledge of the German language and culture. This course expands on speaking topics and situations already presented, and explore new ones. Emphasis will be on developing and enhancing speaking, listening, writing, reading and grammar skills. After its successful completion, students will be able to function on an intermediate level in an all-German speaking environment.

Part IV

Miscellaneous

ATHLETICS AND OTHER CO-CURRICULAR ACTIVITIES

Athletics

Students may participate and compete in any of the following interscholastic sports.

Note – The following abbreviations are used to indicate competition at various levels – V-Varsity, JV-Junior Varsity, and JH-Junior High:

Baseball	V & JV	Golf (Boys & Girls)	V & JV
Basketball (Boys)	V, JV, & JH	Soccer (Boys & Girls)	V & JV
Basketball (Girls)	V, JV, & JH	Softball (Girls)	V & JV
Cross Country		Track and Field	
<i>(Boys & Girls)</i>	V & JV	<i>(Boys & Girls)</i>	V, JV & JH
Field Hockey (Girls)	V, JV, & JH	Volleyball (Boys)	V & JV
Football	V, JV, & JH	Volleyball (Girls)	V, JV, & JH
		Wrestling	V, JV, & JH

Musical Groups

Instrumental Ensembles	Marching Band	Pep Band
Vocal Ensembles	Pit Orchestra	

Drama Productions and the Spring Musical

Plays are produced each fall providing there is sufficient student interest. A major musical is produced every spring. Tryouts are open to all students.

Intramural Program

Intramurals are offered each year. Specific activities may change from time to time. The following is a list of typical activities:

Baseball	Field Hockey	Lacrosse	Track
Basketball	Fitness/Weight Training	Ski Club	Wrestling

Clubs and Organizations

An activity period at the high school offers time for groups to meet. These groups change from year to year. The following is a list of typical clubs and organizations available to students:

<u>Club</u>	<u>Advisor</u>
School Store	Mrs Vicki Barr
Quidditch Club	Mr Rick Brubaker
Unity Club	Mrs Lindsay Mellon /Mr John Forwood
Marching Band	Mr Keith Gromis
Choral Director	Ms Rebecca Myers
Director of Drama	Ms Rebecca Myers
FFA	Mr Scott Barr/Mrs Sarah Thoman
Interact	Ms Angela VanAtta
National Honor Society	Mrs Vicki Barr
EYHS Newspaper	Mrs Ashlea Royer/Mrs Lynne Uhrich
Yearbook	Mrs Lisa Culp/Mrs Ashley Ash
Science Olympiad	Mr Mark Conley/Mrs Amy Lau
Student Council	Mrs Treva Reichard
SADD	Mrs Daphne Leeder
Varsity Club	Mrs Lisa Culp/Mrs Ashley Ash

National Collegiate Athletic Association (NCAA) Clearinghouse Procedures

If you wish to participate in any sport during your freshman year at a Division I or II college, you must satisfy the requirements of the NCAA Bylaw 14.3 commonly known as Proposition 48. The NCAA Clearinghouse will certify your eligibility for practice and competition in your freshman year. Before you begin this process, we suggest you view the NCAA Clearinghouse web page at: www.ncaaclearinghouse.net and familiarize yourself with the *Guide to the College Bound Student* and the pamphlet *Making Sure You Are Eligible to Participate in College Sports*. Both of these publications are extremely informative and will greatly assist you as you prepare and submit the requisite form to the NCAA.

Once you have familiarized yourself with those publications, register at www.ncaaclearinghouse.net. Fee Waivers are available for those who qualify.

When you are finished registering, notify Mrs. Sullivan in the Counseling Office so she can upload the transcript, to complete the process. **See your counselor if you have questions.**

If you are interested in attending a Division III college, you must discuss this with the Admissions Officer at the school because the college establishes the criteria and then decides if a student is eligible or not.

NCAA – Clearinghouse Approved Course List

Student athletes preparing to enter college should visit the NCAA Clearinghouse website at www.ncaaclearinghouse.net to view the list of approved courses at Eastern York High School. The High School Code for Eastern York is 395-390. Remember, this information has nothing to do with a college accepting students, but rather a student's eligibility to participate in college sports as a freshman.

EASTERN YORK HIGH SCHOOL
STAFF EMAIL
2019-2020

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