



# AHS

## 2011-2012

## Guide to Course Selection

Also available online at [www.eastonsd.org/hs](http://www.eastonsd.org/hs)

### THE PROGRAM

Easton Area High School offers a diverse and ample number of courses to meet the needs of all of our students. Proper selection of courses, which match students' abilities, interests, and aspirations, will prepare them for future educational and career goals.

This Course Guide has been prepared to guide and assist all students and their parents in the choice of courses for the 2010-2011 academic year. The advice of parents, teachers, and counselors should be utilized when choosing courses in order to insure that students are properly placed to maximize the achievement of their abilities and talents and to prepare for their future.

Students should not simply choose courses to meet requirements; rather they should take maximum advantage of the programs offered at Easton Area High School including: Advanced Placement, Honors, College Preparatory, and Applied Academic in all academic and some elective courses; Tech Prep Programs; the Career Institute of Technology; Bethlehem Area Vo-Tech School; and Diversified Occupations.

### GRADUATION REQUIREMENTS

Easton Area High School requires all students to earn 24.50 credits between grades 9 and 12 to be awarded a diploma.

Courses must be completed in the following areas:

<u>Subject Area</u>	<u>Credits</u>
English	4
Social Studies	4
Mathematics	3
Science (including Biology)	3
Arts/ Humanities	2
Health/ Physical Education	2.25
Electives	6

Students are encouraged to take a computer applications course. Those students who plan to attend a four-year college should take a minimum of 2 years of a world language.

All students are promoted by earning a specified number of credits: 9th to 10<sup>th</sup>-5.75 credits; 10<sup>th</sup> to 11<sup>th</sup>- 11.5 credits; 11<sup>th</sup> to 12<sup>th</sup> - 17.8. There are no exceptions to this policy. If a student fails a required course, they are encouraged to attend summer school in order to insure graduation with their class, or they will be required to repeat the course the following year.

### COURSE SELECTION PROCESS

Course selection is an important process and should be given serious consideration. Courses chosen and confirmed by June 2010 will be considered final selections.

Students will complete a course selection sheet following counselor presentations, which must then be approved and signed by all teachers and parents. **Remember to pick your career pathway at the bottom of your course selection sheet.** The sheets will then be returned by the students themselves to their counselor to be approved and finalized. All students must meet the minimum credit requirement; that is, six majors and the required health and physical education at appropriate grade levels. Schedule changes or withdrawals will be considered only for the following reasons:

1. Change in curriculum (example Applied Academic to CP).
2. Reassignment due to failure.
3. Diversified Occupations.
4. Beth Vo-tech/CIT requests.
5. Level changes.
6. Teacher recommendation.



### TAKING A COURSE ON A PASS/FAIL BASIS

Seniors may opt to take a course on a pass/fail basis. Students and parents are reminded that only a declared sixth major may be taken on a pass/fail basis, and then only an elective course not required for graduation. The decision to take a course on a pass/fail basis must be made no longer than half way through the first marking period (four weeks) for a semester course and by the end of the first marking period for a full year course. No numerical grade will appear on the student grade card. Students will receive a grade of S (Satisfactory) or N (Not satisfactory). A grade of 60 or above will warrant an S. A grade below 60 will result in the awarding of a N. Grades received will not be included in Honor Roll or in class rank computations. Full unit credit will be awarded at the end of the year. Students are expected to do all work that is required of individuals taking the class for regular numerical grades.

1. Student should have his/her eligibility checked by counselor.
2. If eligible, student obtains Pass/Fail permission form from counselor.
3. Student returns signed permission form to counselor.

Students do receive credit for courses taken Pass/Fail, but the grades (Pass-S, Fail-N) are not included in the calculation of class rank.

## HONORS AND ADVANCED PLACEMENT

Students who wish to take Honors and Advanced Placement courses in Social Studies, and Science must complete an application, which may be obtained from their current subject area teacher or the Guidance Office. The directions are included with each application.

Students who take the AP courses are expected to take the AP Exams in May, for which there is a fee. AP and Honors courses are offered in all curricular areas and some elective areas.

## AUDITING COURSES

Students who have an interest in auditing a course may do so with teacher permission. Auditing is intended to provide an opportunity for interested students to attend a course in which they have a particular interest in the informational content of the course, but do not wish to take the course for credit. Majors that are graduation requirements may not be audited. Arrangements for auditing of courses are made through the Guidance Office.

## CLASS RANK

Rank is determined by computing a general average derived from grades at the end of each marking period. It is cumulative beginning with 9<sup>th</sup> grade and ending with the final grades in grade 12. Advanced Placement courses are weighted 9% of all grades 60 through 100; Honors courses are weighted 6% of all grades 60 through 100. Class rank is calculated each marking period and at the end of the year. All courses are included in rank and GPA calculation except for physical education.

## TECHNICAL PREPARATION

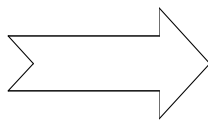
The **Technical Preparation** for College Program will help students focus on mastering skills and gaining knowledge to enter college or a technical school. Tech Prep provides a coordinated high school to college pathway. Students can use the program to lead to a degree in a 2 or 4 year college degree program. Students enrolled in Tech Prep may be able to earn college credits while still in high school. The Tech Prep programs at Easton High School are approved by the PA Department of Education and have articulation agreements with Northampton Community College and/or Penn College of Technology. Tech Prep programs exist for all of four of the Career Pathway Clusters. Students choosing to follow this Pathway will be required to take a no-fee national test in the Spring of their senior year. Students may be in academic courses in honors or college prep levels. The seven Tech Prep programs are: **Accounting/ Technician, Administrative Assisting, CISCO Academy/ Computer Networking, Child Care, Construction Technology, Drafting and Design/ Production Industries Tech, General Office Practice.**

### DROPPING OF COURSES

Students may drop semester courses in the first 5 days of the semester only; full year courses may be dropped only until the end of the first marking period.

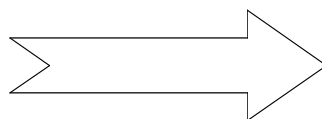
*Things that will make scheduling less painful:*

Know your Principal



Michael Koch, 11th and 12th grade  
Head Principal  
Jeannette Kassis, 9th and 10th grade  
Head Principal  
Bill Whitman, 9<sup>th</sup> grade Principal  
George Apostol, 10th grade Principal  
Michael Welsh 11th grade Principal  
Jeremy Poliskiewicz, 12th grade Principal

Know your  
Counselor



Steven Gordon, Grades 9 A-L  
Catharine Blair, Grades 9 M-Z  
Emily Massino, Grades 10 A-K  
Andrea Wright, Grades 10 L-Z  
Suzanne Young, Grades 11 A-L  
Marie Yost, Grades 11 M-Z  
Lisette Orlena, Grades 12 A-K  
Grace Smith, Grades 12 L-Z

## CAREER PATHWAY CLUSTERS

**What is it?** They are career groupings that focus student's elective courses toward preparation for a specific career goal area.

**Why do students need to choose a Cluster?** To help students focus on a career area that will match their interest and to help students choose electives that will lead to their career goal. By picking a career cluster, students are encouraged to plan for career opportunities and post secondary education.

**How do students choose a Career Pathway Cluster?** Each student will take a career interest survey prior to entering 9th grade, however they will be able to change their chosen pathway on their course selection sheet. The Guidance counselors will assist with this process.

# Discover the Pathways in detail

## Where do your interests and talents fit in?

### Easton Area High School Arts and Humanities Career Pathway

This pathway is designed for student who plan to pursue careers and/or post-secondary education relating to the humanities and performing, visual, literary, and media arts. These may include interior design, film, fine arts, photography, art education, graphic design and production, journalism, languages, media, television, advertising, public relations, writing, publishing and editing.

	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b>	Honors Literature & Composition 9 CP Literature & Composition 9 English 9	Honors American Literature & Composition CP American Literature & Composition English 10	AP Language & Composition Honors British Literature CP British Literature English 11	AP Language & Composition AP Literature & Composition Honors Humanities CP World Literature CP Modern Literature English 12
<b>Social Studies</b>	Honors US History I CP US History I US History I	AP American History Honors US History II CP US History II US History II	AP European History Honors World History CP World History World History AP American History	AP Government & Politics Honors History 12 CP History 12 History 12
<b>Mathematics</b>	Applied Pre-Algebra Algebra 1 CP Algebra 1 Honors Geometry	Applied Pre-Algebra Applied Algebra 1 Geometry CP Geometry Algebra 2 CP, Honors Algebra 2	Applied Algebra 1 Applied Math Concepts Algebra 2 CP, Honors Algebra 2 Geometry CP Geometry CP, Honors Pre-Calculus Honors AP Statistics	Applied Math Concepts Algebra 2 CP Algebra 2 Trigonometry & Algebra 3 CP, Honors Pre-Calculus Honors Calculus AP Calculus Honors AP Statistics
<b>Science</b>	Honors Earth & Space Science CP Earth & Space Science Earth & Space Science Pre-AP Honors Chemistry	AP Biology Honors Biology Pre-AP Honors Biology CP Biology Biology Pre-AP Honors Earth & Space	Honors, CP Chemistry Chemistry AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology	AP, Honors, CP Chemistry Chemistry AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology
<b>Physical Education Health</b>	Physical Education 9	Health PE 10	PE High Intensity PE General	PE High Intensity PE General
<b># of electives</b>	<b>Must Choose 2:</b>	<b>Must Choose 1.5: May Choose 2:</b>	<b>Must Choose 2: May Choose 3:</b>	<b>Must Choose 2: May Choose 3-4:</b>
<b>Career Pathway Electives</b>	It is recommended that students planning a career in the Arts choose electives in Art, Music, Media Arts Design, or Graphic Communications. Students interested in writing, journalism or broadcasting may choose electives in the English and Media Arts departments or attend a Graphic Communications or Media Arts program at BAVIN.			

\*\* All students are recommended to take Microsoft Word Certification or another computer course.

### Easton Area High School Arts and Humanities Career Cluster Career Opportunities & Options\*\*

Animator	B	Actor	D, A, B
Architect	M+	Art Teacher	B
Book Illustrator	B	Broadcaster	V, B
Commercial Artist	V, A, B	Cartoonist	V, A, B
Costume Designer	V, A, B	Clergy	M+
Dancer/Choreographer	D, A, B	Consumer Advocate	B
Director	B, M	Creative Writer	B
Fashion Designer	B	Editor	B
Florist	D, V, A	Fine Artist	A, B
Food Stylist	V, A	Food Service Manager	A, B
Housing Office Director	B	Graphic Artist	V, A, B
Interior Designer	V, B	Journalist	A, B
Interpreter	B	Model	D
Landscape Architect	B	Pastry Chef	V, A, B
Lawyer	B, M	Photographer	D, V, A
Medical Illustrator	B	Radio/TV	B
Musician	D, V, B	Set Designer	A, B
Public Relations or Information Specialist	B	Technical Writer	B
Publisher	B	Toy Designer	B
Screen Printer	V, A	Translator	B
Textile Designer	B		

\*\* See [Dictionary of Occupational Titles](#) for detailed career descriptions.

#### Related Tech Prep Programs: (At Northampton Community College)

Drafting & Design – Opportunity for advanced college credit at NCC.  
Radio & Television, Interior Design, and Advertising & Design.

#### Post Secondary Career Education Options

Key: The following letters refer to the degree of training or education needed for the careers listed above. Further information may be obtained in the Guidance Office.

V	Vocational-Technical Training	A	Associate Degree or Tech Prep Program (2 year)
B	Bachelor's Degree (4 years)	D	High School Diploma
M	Master's Degree (2 years post Bachelor's Degree)		

**Easton Area High School**  
**Business, and Communications Career Pathway**

This career pathway will prepare students to enter many occupations and/or post-secondary educational programs related to the business environment. These include entrepreneurship, sales, marketing, computer/information systems, finance, banking, accounting, personnel, resources, and management.

	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b>	Honors Literature & Composition 9 CP Literature & Composition 9 English 9	Honors American Literature & Composition CP American Literature & Composition English 10	AP Language & Composition Honors British Literature CP British Literature English 11	AP Language & Composition AP Literature & Composition Honors Humanities CP World Literature CP Modern Literature English 12 AP Government & Politics Honors History 12 CP History 12 History 12
<b>Social Studies</b>	Honors US History I CP US History I US History I	AP American History Honors US History II CP US History II US History II	AP European History Honors World History CP World History World History AP American History	
<b>Mathematics</b>	Applied Pre-Algebra Algebra 1 CP Algebra I Honors Geometry	Applied Pre-Algebra Applied Algebra 1 Geometry CP Geometry Algebra 2 CP, Honors Algebra 2	Applied Algebra 1 Applied Math Concepts Algebra 2 CP, Honors Algebra 2 Geometry CP Geometry CP, Honors Pre-Calculus Honors, AP Statistics	Applied Math Concepts Algebra 2 CP Algebra 2 Trigonometry & Algebra 3 CP, Honors Pre-Calculus Honors Calculus AP Calculus Honors, AP Statistics
<b>Science</b>	Honors Earth & Space Science CP Earth & Space Science Earth & Space Science Pre-AP Honors Chemistry	AP Biology Honors Biology Pre-AP Honors Biology CP Biology Biology Pre-AP Honors Earth & Space	Honors, CP Chemistry Chemistry AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology	AP, Honors, CP Chemistry Chemistry AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology
<b>Physical Education Health</b>	Physical Education 9	Health PE 10	PE High Intensity PE General	PE High Intensity PE General
<b># of electives</b>	<b>Must Choose 2:</b>	<b>Must Choose 1.5: May Choose 2:</b>	<b>Must Choose 2: May Choose 3:</b>	<b>Must Choose 2: May Choose 3-4:</b>
<b>Career Pathway Electives</b>	It is recommended that students take electives in the business department at EAHS, or attend a Business and Communications Technology program at CJI or SAVTS.			

\*\* All students are recommended to take Microsoft Word Certification or another computer course.

\*\* All College Bound Students are strongly recommended to take a minimum of two years of a world language.

**Easton Area High School**  
**Business and Communications Career Cluster**  
**Career Opportunities & Options\*\***

Accountant	B	Banking	D, V, A
Administrative Assistant	D, V, A	Banquet Manager	D, V, A
Business Marketing	B	Bookkeeper	A
Cashier	D	Computer Operator	A, B
Clerical Supervisor	V	Counter Clerk	D
Court Reporter	V, A	Diplomat	M
Financial Planner	A	Entrepreneur	V, A
Insurance Agent	V, A	Hotel Clerk	D
Medical Transcriptions	A	Hotel Management	B
Music Industry	B, M	Information Systems Manager	A, B
Music Marketing	B, M	Library Assistant	D
Office Clerk	D	Marketing Specialist	B
Payroll Clerk	D	Music Management	B, M
Postal Clerk	D	Reservation Agent	D
Real Estate Agent	V, A	Sales Associate	D, V, A
Receptionist	D	Sales Representative	A
Restaurant & Food Service Manager	B	Securities Representative	B
Telecommunications	A, B	Word Processor	D, A
Travel Agent	V, A	Network Assistant	A
Network Sales	A, B	Network Customer Assistance	A
System Analyst	A, B	Computer Support Specialist	V, A
Network Administrator	A, B	Embedded Software Development	A, B, M
Network Specialist	A, B	Computer Hardware Engineer	A, B, M
Network Engineer	B, M		

\*\* See Dictionary of Occupational Titles for detailed career descriptions.

**Related Tech Prep Programs: (At Northampton Community College)**

Computer Aided Design – Opportunity for advanced College credit at NCC.  
Accounting, Administrative Assistant/ Secretary Science, General Office/ Typing/  
Secretarial- Opportunity for advanced college credit at NCC.  
Advertising & Design, Business Management, Medical Transcription, Travel & Tourism,  
Paralegal/Legal Assistant, Hotel Management, and Restaurant Management.

**Post Secondary Career Education Options**

**Key:** The following letters refer to the degree of training or education needed for the careers listed above. Further information may be obtained in the Guidance Office.

V	Vocational-Technical Training	A	Associate Degree or Tech Prep Program (2 year)
B	Bachelor's Degree (4 years)	D	High School Diploma
M	Master's Degree (2-Year post Bachelor's Degree)		

**Easton Area High School  
Engineering, Science and Industrial Career Pathway**

Students planning to pursue careers or further education related to agriculture, the environment, and natural resources should choose this pathway. These may include agriculture sciences, earth science, environmental sciences, lab technicians, fisheries, forestry, horticulture, and wildlife.

	Grade 9	Grade 10	Grade 11	Grade 12
<b>English</b>	Honors Literature & Composition 9 CP Literature & Composition 9 English 9	Honors American Literature & Composition CP American Literature & Composition English 10	AP Language & Composition Honors British Literature CP British Literature English 11	AP Language & Composition AP Literature & Composition Honors Humanities CP World Literature CP Modern Literature English 12
<b>Social Studies</b>	Honors US History I CP US History I US History I	AP American History Honors US History II CP US History II US History II	AP European History Honors World History CP World History World History AP American History	AP Government & Politics Honors History 12 CP History 12 History 12
<b>Mathematics</b>	Applied Pre-Algebra Algebra 1 CP Algebra 1 Honors Geometry	Applied Pre-Algebra Applied Algebra 1 Geometry CP Geometry Algebra 2 CP, Honors Algebra 2	Applied Algebra 1 Applied Math Concepts Algebra 2 CP, Honors Algebra 2 Geometry CP Geometry CP, Honors Pre-Calculus Honors, AP Statistics	Applied Math Concepts Algebra 2 CP Algebra 2 Trigonometry & Algebra 3 CP, Honors Pre-Calculus Honors Calculus AP Calculus Honors, AP Statistics AP, Honors, CP Chemistry Chemistry
<b>Science</b>	Honors Earth & Space Science CP Earth & Space Science Earth & Space Science Pre-AP Honors Chemistry	AP Biology Honors Biology Pre-AP Honors Biology CP Biology Biology Pre-AP Honors Earth & Space	Honors, CP Chemistry Chemistry AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology	AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology
<b>Physical Education Health</b>	Physical Education 9	Health PE 10	PE High Intensity PE General	PE High Intensity PE General
<b># of electives</b>	<b>Must Choose 2:</b>	<b>Must Choose 1-5: May Choose 2:</b>	<b>Must Choose 2: May Choose 3:</b>	<b>Must Choose 2: May Choose 3-4:</b>
<b>Career Pathway Electives</b>	It is recommended that students choose electives in the Technology Education, Science or Math departments or attend an Engineering/Industrial, Transportation or Construction Program at CIT or BAVTS.			

\*\* All students are recommended to take Microsoft Word Certification or another computer course.

\*\* All College Board Students are strongly recommended to take a minimum of two years of a world language.

**Easton Area High School  
Engineering/ Science/ Industrial Career Cluster  
Career Opportunities & Options\*\***

Acoustical Designer	B, M	Architect	B
Advertising	A, B	Architectural Engineer	B, M
CAD/CAM Operator	V, B	Bindery Worker	V, A, D
Carpenter	V, A	Chemical Engineering	B
City, Community & Regional Planning	B	Civil Engineer	B
Civil Engineering	B	Construction & Building Inspector	A
Computer Science	A, B	Construction Laborer	D, V
Construction Project Management	V, A	Electrical Engineering	B
Drafting Technician	V, A	Electronic Technician	V, A
Electrician	V, A	Engineering Technology	A
Housing Director	A, B	Graphic Designer	A, B
Industrial Designer	A, B	Industrial Researcher	A, B
Industrial Engineering	B	Information Processing Science	A, B
Landscape Architecture	A, B	Interior Design	A, B
Photographer & Camera Operator	V, A	Mechanical Engineer	B
Pre-Press Worker	A, V, D	Metal Working Technician	V, A
Printing Production Manager	A, B	Printing Press Operator	V, A
Safety Management	A, B	Surveyor	B
Specialized Carpentry/Installation	V, A	Technology Education	B
Agribusiness Sales	V, A	Agricultural Engineer	M
Agricultural Scientist	B	Animal Caretaker	D, A
Apartment Manager	D, A	Chemical Lab Technician	V, A
Conservation Scientist	B	Consumer Advocate	B
Environmental Analyst	B	Farm Manager	V, A
Farm Operator	D	Fish and Game Warden	B
Fisher, Hunter & Trapper	D	Forestry Worker	A
Garner & Groundskeepers	D, V	Game Warden	B
Housing Director	A, B	Miner	V
Pest Control Technician	D, A	Ranger Manager	V, A
Process Operator Technician	V, A	Shipping Analyst	A, B
Water Resource Technician	V, B	Water Treatment Plant Operator	V, B

\*\* See Dictionary of Occupational Titles for detailed career descriptions.

**Related Tech Prep Programs:** (At Northampton Community College)

Safety, Health & Environmental Technology, Small Business Management, and Veterinary Technology.

Electronic Technology, Architectural Technology, Advertising Design, Automotive Technology, Chemical Technology, Machining Technology, Plastics Technology, Safety/Environmental Technology, and Welding Technology.

**Post Secondary Career Education Options**

**Key:** The following letters refer to the degree of training or education needed for the careers listed above. Further information may be obtained in the Guidance Office.

V	Vocational-Technical Training	A	Associate Degree or Tech Prep Program (2 year)
B	Bachelor's Degree (4 years)	D	High School Diploma
M	Master's Degree (2-year post Bachelor's Degree)		

**Easton Area High School  
Health Sciences and Human Services Career Pathway**

This career pathway will prepare students to enter careers or post-secondary study related to the promotion of health and the treatment of disease. These may include medicine, research, nursing, technologies related to allied health, therapy, and technical support for medical services.

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>English</b>	Honors Literature & Composition 9 CP Literature & Composition 9 English 9	Honors American Literature & Composition CP American Literature & Composition English 10	AP Language & Composition Honors British Literature CP British Literature English 11	AP Language & Composition AP Literature & Composition Honors Humanities CP World Literature CP Modern Literature English 12
<b>Social Studies</b>	Honors US History I CP US History I US History 1	AP American History Honors US History II CP US History II US History II	AP European History Honors World History CP World History World History AP American History	AP Government & Politics Honors History 12 CP History 12 History 12 AP American History
<b>Mathematics</b>	Applied Pre-Algebra Algebra 1 CP Algebra 1 Honors Geometry	Applied Pre-Algebra Applied Algebra 1 Geometry CP Geometry Algebra 2 CP, Honors Algebra 2	Applied Algebra 1 Applied Math Concepts Algebra 2 CP Honors Algebra 2 Geometry CP Geometry CP, Honors Pre-Calculus Honors, AP Statistics Honors, CP Chemistry Chemistry	Applied Math Concepts Algebra 2 CP Algebra 2 Trigonometry & Algebra 3 CP, Honors Pre-Calculus Honors Calculus AP Calculus Honors, AP Statistics AP, Honors, CP Chemistry Chemistry
<b>Science</b>	Honors Earth & Space Science CP Earth & Space Science Earth & Space Science Pre-AP Honors Chemistry	AP Biology Honors Biology Pre-AP Honors Biology CP Biology Biology Pre-AP Honors Earth & Space	AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology	AP, CP Environmental Science Honors Environmental Science Environmental Science AP, Honors, CP Physics Physics AP Biology
<b>Physical Education Health</b>	Physical Education 9	Health PE 10	PE High Intensity PE General	PE High Intensity PE General
<b># of electives</b>	<b>Must Choose 2:</b>	<b>Must Choose 1.5: May Choose 2:</b>	<b>Must Choose 2: May Choose 3:</b>	<b>Must Choose 2: May Choose 3-4:</b>
<b>Career Pathway Electives</b>	It is recommended that students planning a career in health sciences or allied health take elective courses in the Science department. Post-secondary schools recommend that students take CP or high levels of Biology, Chemistry, and Algebra. Psychology is also recommended. Those students planning a career in human services should take electives in sociology, family and consumer science, psychology, marketing, management, or attend a Health and Human Services program at CH or BAVS.			

- \*\* All students are recommended to take Microsoft Word Certification or another computer course
- \*\* All College Bound Students are strongly recommended to take a minimum of two years of a world language.
- \*\* Recommended that students take a fourth year in Math and Science.

**Easton Area High School  
Health and Human Services Career Cluster  
Career Opportunities & Options\*\***

Caterer/Chef	A, B	Child Care Specialist	D, V, A
Counselor	M	Clergy	M
Dietitian/Nutritionist	B	College Professor	M
Economists	B	Diplomat	M
Law Enforcement Officer	B	Food Broker	A
Midwife	A, B	Gerontologist	M
Museum Curator	B	Home Health Care Aide	D, V
Psychologist	M	Human Resources Manager	A, B
Recreation Worker	A, B	Judge	M
Social Worker	B	Lawyer	M
Speech Therapist	B	Parole and Probation Officer	B
Teacher(Elementary, Secondary)	B	Urban/Regional Planner	B
Travel and Tourism	A		
Art Therapist	B, M	Chiropractor	M
Athletic Trainer	B	Clinical Laboratory Technologist	A, B
Cardiovascular Technologist	A, B	Day Care Teacher	A, B
Dentist	M+	Dental Assistant	A
Exercise Physiologist	B	Dental Hygienist	V, A
Licensed Practical Nurse	V	Dietitian	B
Medical Assistant	A	EMT	D, A
Medical Technologist	V, A	Medical Records Technician	V, A
Midwife	B	Music Therapist	B, M
Nursery School Teacher	A, B	Nurse	B
Nutritionist	B	Nursing Aides	D, V
Occupational Therapist Assistant	A	Obstetrician/Pediatrician	M
Physical or Occupational Therapist	M	Optician	D, A
Physician	M+	Optometrist	M
Radiation Therapy Technician	V, A	Pharmacist	M
Radiological Technologist	A	Physical Therapist Assistant	A
Respiratory Therapist	B	Podiatrist	M
Surgical Technicians	A	Recreational Therapist	B
Veterinarian	M+	Speech-Language Pathologists	A, B
Visiting Nurse	B		

\*\* See Dictionary of Occupational Titles for detailed career descriptions.

**Related Tech Prep Programs:** (At Northampton Community College)  
 Child Care-Opportunity for advanced college credit at NCC.  
 Interior Design, Early Childhood Education, Travel and Tourism.  
 Radiology Technology, Dental Assisting, Medical Transcription, Veterinary Technology, Nursing RN, LPN Certificate, Early Childhood Education, and Dental Hygiene.

**Post Secondary Career Education Options**

**Key:** The following letters refer to the degree of training or education needed for the careers listed above. Further information may be obtained in the Guidance office.

- V** Vocational-Technical Training      **A** Associate Degree or Tech Prep Program (2 year)
- B** Bachelor's Degree (4 years)      **D** High School Diploma
- M** Master's Degree (2 years post Bachelor's Degree)

# ART

Art education makes an important contribution to the broad spectrum of the educational welfare of the students and former students in the community.

Success, personal satisfaction and happiness in the future call for individuals with foresight, imagination and creative skills. Art education at the high school level teaches students how to achieve these goals by intensifying their horizontal and vertical learning activities in Art.

Art in our schools has a responsibility to help each student develop his or her maximum potential along lines that are in harmony and acceptability with the philosophies of the school, community and society in general. In endeavoring to establish an individual personality, the energies of young people are always seeking some form of expression. Art lends itself readily to a form of education that guides expression along creative lines and appeals to the varying types of personalities found among high school students.

Art courses must be taken in sequence order: Art 1, Art 2, Art 3 and Art 4. Contemporary Crafts and Cartooning have a prerequisite of Art 1 or teacher

All Students

**Art 1** This course is an introductory course for those with a genuine interest in drawing and design. The development of basic skills is essential for all future work in the Easton Area High School art curriculum. In Art 1, the major emphasis is on the elements and principles of design. Each element: line, color, shape, value, texture, form and space is explored, as well as the principles; such as balance, repetition, movement, contrast, unity and dominance. Students are required to complete homework assignments. Students need to complete this year course and receive a 70% average or higher and TEACHER RECOMMENDATION to advance on to any other art course offered in the curriculum.

Prerequisite: none  
Meets daily/1 credit

**Art 2**

Art 2 continues to relate the basic elements and principles of art and design through disciplined creative experiences. Through the study of contemporary and historical art, students will develop an understanding of the roles art plays in society and how to relate art to the decision-making processes in daily life. Art 2 teaches how to create using technical skills, individual sensitivity and knowledge of related art history. A variety of media is used, while students develop both technical and cognitive skills. Students are required to complete homework assignments.

Prerequisite: Minimum grade of 75 in Art 1  
Meets Daily/1 Credit

**Art 3**

Art 3 begins to prepare students for more independent creation through performance assessment. Class projects will allow students to strengthen their artistic development, express individual creativity, explore creative possibilities and gain a greater understanding of the world of art and its relationships both to contemporary society and throughout history. The emphasis of this course will be on promoting higher order thinking skills through synthesizing knowledge of art history, culture, aesthetics and criticism for the enhancement of the individual and art production. Students will use a range of two and three-dimensional material. The students will be required to keep a sketchbook and conduct research.

Prerequisite: Minimum grade of 75 in Art 2  
Meets Daily/1 Credits

**Art 4**

Art 4 represents the final phase of the fine art program. It is intended to help a student enhance the learning that has taken place during their previous art courses. This is accomplished by giving a student an opportunity to do more independent research into various types of art. It also stresses goals and time limitations. Communication skills are encouraged to develop a professional sensitivity about their art. Self-analysis is increased in teacher/pupil dialogue by isolating and defining strengths and weaknesses inherent in the students' skills. Extensive material handling allows a student to specialize and be flexible. Competency is developed with horizontal and vertical-learning activities intended to expand the students' attitude about art.

Prerequisite: Art 1, 2 and 3; teacher recommendation  
Meets Daily/1 Credit

**Contemporary Crafts**

History reveals that artisans of all eras and cultures have used craft objects as a means for expressing the highest and most complex art values. This semester course is an initial exploration of design concepts and techniques related to basic craft processes with an emphasis placed on individual production in a variety of materials. Through research, experimentation and reflection, students will have an opportunity to create products and gain understanding of materials and design

concepts. Meets daily / .5 credit

Prerequisite: Art 1 with a 75% or better and teacher recommendation

**Cartooning**

This developmental course in Cartooning offers the student a wide variety of creative opportunities employing different techniques introduced during this one semester class. There will be an emphasis on originality with learning experiences that will include the designing of a new series of cartoon



characters. Students focus upon character and story development as well as demonstrating their understanding of layout and their ability to use a defined space in an organized manner. Drawing skills will be enhanced as the student integrates movement, balance, space, line and texture into the finished product.

Prerequisite: 75 or above in Art I and teacher recommendation  
Meets Daily/0.5 Credits

**Cartooning 2**

Cartooning 2 is an extension of the Cartooning 1 course. The character development, story development, and layout skills developed during the Cartooning 1 course would be applied to technology. In the one semester course, the time would be split between the use of ComicLife to produce a comic book and the use of Flash to produce animations which could then be used alone or could be imported into slide shows, movies, or web page design. In the use of the software program ComicLife, students will be able to scan their cartoon characters into layouts they arrange on the computer, and they will also be able to add thought and dialogue balloons to their work using the computer. In the use of the Flash animation program, students will create animations using shapes and characters they generate through the computer or that are scanned from their original drawings.

Prerequisite: 75 or above in Cartooning 1 and teacher recommendation  
Meets Daily / 0.5 Credits

**Clay Construction**

Clay construction is an introductory course in hand built pottery. Students will learn basic hand building techniques such as coil and slab construction during the creation of various types of pottery. The pottery pieces created range from sculptural to functional and will require students to think in third dimension when designing their work. Students will also explore traditional decorative techniques during the construction and glazing of each piece. Strong design and good craftsmanship will be emphasized throughout the class.

Prerequisite: Juniors and Seniors only  
Meets Daily/0.5 Credits

**Clay Construction 2**

All assignments will involve advanced hand building (coil, slab, pinch pot) or the potter's wheel. Traditional pieces will be created throughout the course including vessels, teapots, dinnerware, etc. Non-traditional pottery will be sculptural or architectural in nature, exploring direct modeling techniques. Additional glazing, surface treatment and decorative techniques will be introduced throughout the class. Students must have passed Clay Construction 1 with a 75% to enroll in this class.

Prerequisite: Minimum of 75% in Clay Construction 1. Juniors and seniors only  
Meets daily/0.5 credit

**Portfolio Preparation Class**

A portfolio is the single most important determining factor whether a student will or will not be accepted as art major in a university or college. JUNIORS and Seniors anticipating applying to college as any type of art major will need to produce a diversified portfolio. This portfolio should include a variety of



artwork, with an emphasis on drawing. This course will provide students an opportunity to create such a portfolio, which demonstrates their artistic skills, craftsmanship, creativity and ability to communicate visual ideas and images. It is highly recommended that this class be taken during the Junior year.

Prerequisite: Art 1, 2 and teacher recommendation  
Meets daily/1 credit

**Dimensional Design**

This course challenges the student to design functional sculpture using a variety of media. Students develop problem-solving skills as they are guided through the design process and final construction. Through the creation of a tabletop fountain, students will learn to engineer the flow of water. Silversmith and soldering techniques will also be explored to create a variety of silver jewelry. Students going into careers such as architecture, industrial engineering and product design will benefit from this course.

Prerequisite: Juniors and Seniors, Teacher recommendation  
Meets daily/.5 credit

**AP Art History**

AP Art History will provide an introductory college level survey of the history of art. This intensive study will require a high degree of commitment to academic work and enable the students to take the AP Art History exam in the spring. Students will gain an understanding of the elements of art, fundamental art historical terminology, and technical processes used in the production of art. The course will emphasize the understanding of works in context, considering issues such

as patronage, gender, and the functions and effects of works of art. The scope will include the study of art beyond the European tradition. Exploring the evolution of art will promote inquiry into contemporary society. Projected images, and a text will be used and additional texts, research, and study trips will be a part of the requirements. Students will be engaged in critical writing and theoretical discussions of art.

Prerequisite: AP or Honors English, History, or teacher recommendation  
Meets daily/ 1 credit

**Lafayette Art Experience**

This course held in conjunction with Lafayette College emphasizes the critical thinking that defines art. Students will have the special opportunity to work and study at the Williams Visual Art Building at Lafayette College. Two days per week, class will be held at the College, the remaining three classes will be held at EAHS. Through Lafayette's Visiting Artist Program in conjunction with the Grossman Gallery, students will meet with Professional Artists. Students will participate in discussions and workshops, where artists present their unique artistic approach to creating. Students will be assigned studio projects that answer a particular design problem, which requires creative thought. Students will be expected to work in an extensive range of materials utilizing both two and three dimension. Students will be required to keep a sketchbook/journal and complete projects independently.

Prerequisite: Teacher Recommendation, Student Application

**Special Note: Students interested in this class must be capable of providing their own transportation to Lafayette College. Class hours at Lafayette College are from 2:00PM until 3:30 PM, Tues. and Thurs.**

Meets Daily at EAHS / 1.5 credits

**Contemporary Crafts**

History reveals that artisans of all eras and cultures have used craft objects as a means for expressing the highest and most complex art values. This semester course is an initial exploration of design concepts and techniques related to basic craft processes with an emphasis placed on individual production in a variety of materials. Through research, experimentation and reflection, students will have an opportunity to create products and gain understanding of materials and design concepts.

Prerequisite: Art 1 with a 75% or better and teacher recommendation  
Meets daily / .5 credit

**Metal Sculpture: Form and Design**

Students will learn basic design and construction techniques of metal sculpture. They will work with metals such as silver, copper and brass. Students will be responsible for designing original and functional pieces such as rings, earrings, pins, bracelets and pendants. Students will be responsible for individual course supplies; the supply fee will be \$25.00. Class Size is limited to 10 students/class (Students need a safe working area due to the nature of the tools and equipment used in the class)

Prerequisite: **Seniors only.**

**Materials Fee: \$25.00**

Meets Daily/0.5 credits

**Advanced Metal Sculpture: Form and Design**

Advanced Metal Sculpture is a follow up course to Metal Sculpture. It will continue to develop students' skills in creating quality, functional metal sculpture. The primary focus will include advanced level techniques in bezel settings, stone cutting and polishing. All projects will be hand crafted and will reach a level of excellence commensurate to the students' ability. Students will be responsible for purchasing the individual course supplies; the supply fee will be \$25.00. Class Size is limited to 10 students/class (Students need a safe working area due to the nature of the tools and equipment used in class).

Prerequisite: **Seniors only**

**Materials Fee: \$25.00**

1 semester/0.5 credits

# BUSINESS and COMPUTER TECHNOLOGY

Did you know that 32% of all High School students become business majors in college? Why not consider taking a look at the Business and Computer Technology curriculum while in high school where you can see which curriculum is for you? Did you also know that business and computer savvy students have the higher job placement rates than many other fields? In other words there are more companies in the market for people with your skills. Explore the possibilities below.

## All Students

### CP Microsoft Office Word Certification

In today's world, understanding computer concepts, possessing computer skills, and knowing how to apply them are essential. This college prep level course is designed for new and experienced learners as they develop computer competency using an integrated computer software package using Word 2007, an integrated computer software package. Students will concentrate on advanced formatting of common business communications: creating and editing Word documents; macros; usage of Word's Wizards and Templates; organizing, navigating and citing documents, collaborating, integrating data, and customizing Word. The courseware used has been approved by the Microsoft Office Expert certification. These certifications are an important credential to add to your resume whether you are looking for a job or applying for college. In addition, upon successful completion of the course with a "B" or better you may be eligible for one college credit through Northampton Community College.

Prerequisite - students must be able to type accurately with a minimum speed of 30 gwam.

Meets daily/0.5 credit

### Microsoft Excel and Access

This course will provide students with the knowledge required to create spreadsheets using Microsoft Excel and will include fundamental and advanced techniques. Students will learn how to create and manipulate data, format data and content, create and modify formulas, present data visually through graphs, collaborate on and secure data using Microsoft Excel. Microsoft Access - This course will provide students with the knowledge required to create databases using Microsoft Access and will include fundamental and advanced techniques. Students will learn how to structure a database, create and format database elements, enter and modify data, create and modify queries, present and share data, and manage and maintain databases using Microsoft Access. These courses are particularly useful to students entering business, engineering or the sciences. Prerequisite course is Algebra 1.

### Microsoft PowerPoint

This presentation, desktop publishing and technology course is intended to enhance the student's computer technology and presentation skills. Microsoft PowerPoint will be utilized to create computerized slide presentations. An IBM Scanner, microphones and digital camera will be used to enhanced the presentations.

Prerequisite: Fundamentals of Microsoft Word Certification  
Meets Daily/0.5 Credits

### Accounting 1

Accounting I provides entry-level job skills and preparation for college study. Students receive hands-on experience in learning basic tasks involved in the accounting cycle using journals, ledgers and financial statements. Career options and goals will be explored. Students will also complete a business simulation.

Prerequisite: None  
Meets daily/1 credit

### Accounting 2

This course reviews Accounting I principles and introduces new accounting concepts. Accounting II introduces corporate and cost accounting for merchandising and manufacturing businesses. Computer integration using automated accounting 8.1 will be utilized giving students hands-on experience. Students will also complete a business simulation. Career options and goals will be expanded.

Prerequisite: 80% or higher in Accounting I  
Meets Daily/1 Credit

### Accounting 3

This course describes corporation, management and cost accounting. Case studies will be utilized as a reinforcement activity. After manual accounting procedures are mastered, automated accounting 8.1 software will be used to facilitate the

processing of accounting data and experience the hands-on use of computers in accounting. Students will also complete an automated business simulation. Career options and goals will be explored.

Prerequisite: 85% or higher in Accounting II  
Meets Daily/1 Credit

### Accounting 4

This course consists of "enrichment" activities. Those activities include the accounting cycle, journal entries, financial reporting, creating graphs, end of month processing and performing spreadsheet and word processing tasks. Students will perform in a departmentalized accounting system, payroll procedures, depreciation methods for plant assets, accounting cycle for a partnership and a corporation, handling inventory transactions, sales order processing, and financial statement analysis between fiscal periods. Accounting 8.1 software will be utilized. Students will be able to develop an accounting system for either a service or merchandising business that is set up as a sole proprietorship, partnership or corporation. Prerequisite: 85% or higher in Accounting III. Meets daily/1 credit.

### Business and Personal Law

Business Law is designed to emphasize student's understanding of how laws affect them as a minor and as a citizen. Enforcement and origins of law, crimes, torts and the court system are thoroughly analyzed and discussed. Other topics include contracts, ethics, consumer protection, purchasing a car and auto insurance, ownership and transfer of property, landlord and tenant relationships, employment law. Students also are provided with suggestions on how to solve problems relating to common experiences, analyze and judge real world cases, orally present law related current events.

Prerequisite: None  
Meets daily/0.5 credits

### Web Page Design and Programming

This is an introductory course to web page development. Students will learn the basics of creating web pages using the HTML programming language. The evaluation of existing websites will also be stressed to better understand the components of an outstanding website. Students will apply the knowledge and skills acquired in Web Page Development in the creation of web pages used by the district and possibly outside businesses, community members, or any others seeking web design needs. Prerequisite: Must have passed or be enrolled in Algebra 1. Meets daily/0.5 credit

### Business and Office Technology

Business & Office Technology is a course designed to challenge high school students in preparing for the initial demands of part-time or full-time employment. It will allow students to acquire the skills to learn on the job, and adapt to new procedures and technologies. Students will utilize all Microsoft Office Programs and go on field trips to visit a traditional and non-traditional business experience an etiquette luncheon and more. Prerequisite: Seniors Only.

### Marketing

Marketing is designed to introduce students to strategies for business and product marketing. Topics covered include the marketplace, market research, analyzing products and packaging, services, developing pricing strategies and distribution channels, sales promotion, public

relations, advertising, selling, customer service and overall marketing planning. Students solve real world business cases and complete various mini projects and have a required culminating course project in which they invent their own product, develop a complete marketing plan for the product and give an oral sales presentation. PC's and activities on the Internet are used throughout the course.

Prerequisite: For the college bound student  
Meets daily/0.5 Credits

### Sports Marketing

Sports marketing provide students an opportunity to analyze the nature, structure, and impact of professional and amateur sports. Topics include the history of sports business, sponsorships, endorsements, licensing, media rights, economic impact of sporting events and the marketing of amateur and professional teams. Activities include developing in-game promotions, designing team names and logos, segmenting and researching the fan market, pricing tickets and implementing a team's promotional strategy. Students will use the Internet and

sports magazines throughout the course to research and analyze marketing strategies and techniques used by professional teams.

### Programming in Visual Basic

This course is an introduction to computer programming. The Visual Basic course is designed to teach students to program using an object-oriented/event-driven language. The students will analyze, solve and create mathematical and business

related problems. Students learn how to code, debug and run program files. Topics to be covered are: Visual Basic introduction, working with forms, controls and properties, using variables, and the selection structure (if...then...else, case select). **This course is ideal for college-bound students, especially those interested in engineering, computers, or the gaming industry.** Prerequisite: Must have passed or be enrolled in Algebra 1. Meets daily/0.5 credits

### Structured Programming

The structured programming course is aimed at a wide range of computer science students. The course builds a strong foundation of computer science fundamentals. A variety of mathematical and business related programming projects allow each student to apply their knowledge to real-life situations. Steps of the programming process from source code to finished product, as well as structured designs are emphasized. Students will be expected to code, debug and run their programs. Topics include, variables, constants, math operators, strings, input/output, loops, conditions, pointers, structures and data files. Special Note: Highly recommended for engineering students. Students should have a computer with Internet access for home use. Prerequisites: 80% or higher in Programming in Visual Basic or consent of instructor. Meets daily / 0.5 credits

### Honors Java Programming

In this full-year computer programming course, students will continue to develop their skills in the programming language Java. Students will learn about the libraries available in the Java API, and will study the classical algorithms of computer science. Honors Java students will also begin to analyze algorithms and study other

advanced topics in computer science. This course requires a significant amount of time programming at home. Students should have a computer with Internet access for home use. Prerequisites: 80% or higher in Structured Programming, or consent of instructor. Meets daily / 1 credit

### AP Computer Science

Students will learn advanced program and class design in Java, as well as advanced data structures and algorithms. Students will continue their studies of logic and analysis of algorithms. AP Java involves considerable long-term programming projects, including the case study that is used on the AP exam. Prerequisites: 80% or higher in Honors Java. Meets daily / 1 credit.

### Introduction to Networking

Have you ever wondered how computers can talk to each other over the Internet but don't have much computer knowledge? With this semester course students are given a hands-on opportunity to explore the world of networking in a non-honors setting. This course is designed for students who may not necessarily be deciding on a career in computer technology but want a better understanding of how computer networks function. Topics include local area networks, devices, communication over the Internet, and a real-world business scenario where students design a computer network. This course is available to students of all grade levels. Prerequisite: None. Meets daily/0.5 credit

### Networking

Networking is a follow-up to Introduction to Networking. Students will continue to explore networking topics and will focus on creating networks with real devices, wireless technologies and security, and how computers work in relation to the Internet. In this course we also explore what it takes to put on the annual LAN party event, where students compete against each other in head-to-head video gaming competitions. We will also continue to explore the design of networks through the use of real-world business scenarios. Prerequisite: Intro to Networking. Meets daily/0.5 credit

### Honors Introduction to Networking

This class integrates related engineering concepts and provides students with the skills needed to succeed in networking-related degree programs. Through a combination of in-class discussion of theory and hands-on labs you will discover just how networks function. Some of the topics you will learn include: how to explain the layers of communication in data networks, build simple networks using routers and switches, employ basic cabling and network designs to connect devices, and configure routers using a command line interface. Students are eligible for college credit through this course.

Prerequisite: Basic PC knowledge, Algebra I (or currently enrolled) This course is available to sophomores, juniors and seniors only  
Meets daily/0.5 credit

### Honors Networking

Designed as the follow up to Honors Introduction to Networking, this course is a primarily lab-based course that provides you with an opportunity to learn how to configure Cisco routers and switches. These are some of the same devices used by 100% of Fortune 500 companies! You will learn how to configure and verify router interfaces, configure RIPv1, implement a classless IP addressing scheme for a network, apply basic RIPv2 configuration commands, and identify characteristics of distance vector protocols. This course is available only to students who have completed Honors Introduction to Networking. Students are eligible for college credit through this course.

Prerequisite: 70% or better on final exam in Cisco Semester 1 This course is available to sophomores, juniors and seniors only.  
Meets daily/0.5 credit

### Honors Administrative Networking

(Cisco Networking Academy - Semester 3)  
This is the third of four courses designed to introduce new content previously learned networking skills. Further instruction





## BUSINESS CONTINUED

introduces and extends the students knowledge and practical experience with advanced IP addressing techniques: Variable Length Subnet Masking (VLSM), Intermediate routing protocols such as RIP v2, single-area OSPF and EIGRP, Command-line interface configuration of switches, Ethernet switching, Virtual LANs (VLANs), Spanning Tree Protocol (STP), and VLAN Trunking Protocol (VTP). Students will be required to apply lessons from CCNA1 and CCNA2 to a network and should be able to explain how and why a particular strategy is used. The Cisco Networking Academy's Threaded Case Study (TCS) is introduced and proceeds in preparation for designing a Wide Area Network (WAN). This is a Semester 3 and 4 participation project. It is completed and presented during semester 4. This course will be hands on and will require a composition notebook. Additional out of class time is necessary. Prerequisite: 70% or better on final exam in Honors Networking (Cisco Semester 2) Meets daily / 0.5 credit

### Honors Advanced Networking Topics (Cisco Networking Academy – Semester 4)

This course is the final course in a four (4)-semester sequence for the Cisco Networking Academy Program. It is designed so that the student will be prepared for a career in Networking or to continue their education in various computer fields. This course will also prepare students for a skills test in order to be certified to start their career directly after high school. The course focuses on the following topics: Advanced IP addressing techniques, Network Address Translation (NAT), Port Address Translation (PAT), Dynamic Host Configuration Protocol

(DHCP), WAN technology and terminology, PPP, ISDN, DDR, Frame Relay, Network management, and introduction to optical networking. Students will be required to apply information from CCNA1, CCNA2, and CCNA3 to a network and should be able to explain how and why a particular strategy is used. The Cisco Networking Academy's Threaded Case Study (TCS) is completed during this semester. This course will be hands on and will require a composition notebook. Additional out of class time is necessary. Prerequisite: 70% or above on final exam in Honors Administrative Networking (Cisco Semester 3) Semester Course Meets Daily / 0.5 credit

### International Marketing

This course focuses on the importance of international marketing as well using the Internet as a marketing tool. Students will solve real world cases and research various strategies used by different businesses around the world. Students will also analyze how different cultures impact consumer behavior in regards to purchases, as well as, how those cultures impact the success or failure of a business operating internationally. In this course, the following topics will be covered: The global economy, cultural influences on global businesses, the impact of the government on global business, structures of international business organizations, foreign exchange & international finance, legal agreements around the world, international career planning, global pricing and distribution strategies as well as trade relations, the framework for E-Commerce, capital infrastructure, market communications, the website development

BUSINESS INFORMATION TECHNOLOGY  
GRADES 11-12  
(General Office/Administrative Assistant Tech Prep Pathway)

**GRADE 11**

REQUIRED COURSE:  
MICROSOFT WORD CERTIFICATION, 1 credit  
INTRODUCTION TO BUSINESS, .5 credit

ELECTIVES SELECT 1.5 CREDITS  
PRESENTATION TECHNOLOGY, .5 credit  
MARKETING, .5 credit  
SPORTS MARKETING, .5 credit  
INTRODUCTION TO BUSINESS, .5 credit  
BUSINESS PROGRAMMING, .5 credit  
ACCOUNTING 1, 2 and/or 3, 1 credit

**GRADE 12**

REQUIRED COURSE:  
OFFICE PROCEDURES, 1 credit  
ENTREPRENEURSHIP, .5 credit

ELECTIVES SELECT 1.5 CREDITS  
INFORMATION MANAGEMENT, .5 credit  
BUSINESS LAW, .5 credit  
INTERNATIONAL MARKETING, .5 credit  
ACCOUNTING 2, 3, and/or 4, .5 credit  
BUSINESS PROGRAMMING, .5 credit

EAHS'S CISCO NETWORKING ACADEMY PROGRAM  
TECH PREP PATHWAY  
GRADE 11-12

**GRADE 11:**

REQUIRED COURSE:  
INTRO TO NETWORKING .5 credit  
NETWORKING .5 credit  
HONORS JAVA 1 credit

ELECTIVES: Must accumulate 1 credit  
INTRODUCTION TO BUSINESS .5 credit  
INFORMATION MANAGEMENT 1 credit  
PRESENTATION TECHNOLOGY .5 credit  
INTRODUCTION TO BUSINESS .5 credit  
INTRO TO PROGRAMMING .5 credit  
BUSINESS PROGRAMMING .5 credit  
AP JAVA 1 credit

**GRADE 12:**

REQUIRED COURSE:  
ADMINISTRATIVE NETWORKING .5 credit  
ADVANCED NETWORKING .5 credit

ELECTIVES: Must accumulate 2 credits  
INTRODUCTION TO BUSINESS .5 credit  
INFORMATION MANAGEMENT 1 credit  
PRESENTATION TECHNOLOGY .5 credit  
INTRODUCTION TO BUSINESS .5 credit  
INTRO TO PROGRAMMING .5 credit  
BUSINESS PROGRAMMING .5 credit  
AP JAVA 1 credit

ACCOUNTING  
GRADES 11 - 12  
TECH REP PATHWAY

NOTE: Accounting 1 must be taken in 9th grade and Accounting 2 must be taken in 10th grade in order to be a graduate in the Tech Prep Pathway.

**GRADE 11:**  
REQUIRED COURSE:  
ACCOUNTING 3, 1 credit

Electives: (Must accumulate two credits)  
ENTREPRENEURSHIP 1 credit  
BUSINESS LAW .5 credit  
BUSINESS PROGRAMMING .5 credit  
PRESENTATION TECHNOLOGY .5 credit  
INFORMATION MANAGEMENT .5 credit  
MARKETING .5 credit

**GRADE 12:**  
REQUIRED COURSE:  
ACCOUNTING 4, 1 credit

Electives: (Must accumulate two credits)  
ENTREPRENEURSHIP 1 credit  
BUSINESS LAW .5 credit  
BUSINESS PROGRAMMING .5 credit  
PRESENTATION TECHNOLOGY .5 credit  
INFORMATION MANAGEMENT .5 credit  
MARKETING .5 credit  
\*HONORS STATISTICS, 1 credit

\*Students can choose this math class for the 2008 and 2009 school year. We intend to create and receive board approval for our own Business

process, and media transformation. Meets Daily / 0.5 Credits

### Entrepreneurship

This course offers students the opportunity to learn about: the skills needed to become an entrepreneur, market economy, financial management, hiring and managing a staff, record keeping and accounting, current technology, legal, ethical and social obligations, and current growth trends. Students will engage in a cooperative effort with the Business Department's School Store in creating products and advertisements. juniors and seniors only Meets Daily / 1 Credit

### Intro to Business

This introductory business course will offer students the opportunity to learn about the basics of the business world. Students will learn about economic systems and activities, the Global Economy, Business Organizations and Government, Entrepreneurship, Small Business Management, Human Resources, Culture and Diversity, Marketing, Financial Management, Risk Management, Consumer Credit, Insurance, Savings and Investment Strategies. Meets Daily / 0.5 Credits

# ENGLISH

An understanding of one's native language is basic to learning. For this reason, the importance of the study of English is recognized at all levels of the educational system. The State of Pennsylvania requires every student to take one course in English during each year of secondary school. Colleges vary in their requirements, but, at the least, they expect competency in the use of the language, both written and oral, and knowledge of the literature of England and America. Today's society expects each individual to have acquired, in varying degrees, acceptable competency and knowledge.

Easton Area High School has, therefore, established certain requirements in English. It must not be assumed, however, that satisfying these requirements is all that should be expected. Each student is urged to consult his parents, teachers, guidance counselor and other interested persons to determine which of the programs will provide the background which will serve him best in his later education, in his chosen occupation, and in his daily life.

In order to remain in an Honors level English class the student must maintain an 80% average and score **advanced** or **proficient** on their 4Sight with **advanced preferred**.

If a student wishes to move up to an honors level class they must have 90% average in college prep AND **proficient** on their 4Sight

To remain in college prep the student must maintain an 80% average and score **proficient** on their 4Sight.

If a student wishes to move up to college prep they must have an 85% in on-level and score **proficient** on their 4Sight.

Non- completion of a required research paper will result in an automatic level drop.

The student will have the opportunity to make up the research paper in summer school in order to maintain their current level at the student's expense.

Students may be moved in order to correct their placement up to the end of the first marking period.

## All Students:

### **9th Grade**

English 9 English 9 provides reinforcement in grammar, usage, mechanics and writing skills. Students will study selections from the following literary genres: short story, novel, drama, poetry and mythology. In these units reading comprehension, literary analysis, relevant compositional work and vocabulary are stressed. Additionally, the program addresses the reinforcement of study and test-taking skills. Prerequisite: English 8 Meets daily / 1 credit

CP Literature and Composition 9 CP Literature and Composition 9 is divided into the units of literature, grammar and composition, vocabulary, and introductory research skills. The literature unit serves as an introduction to various genres including short story, novel, myth, drama, and poetry. Grammar, composition and vocabulary are integrated with, but not limited to, the literature studied. There will be an introduction to research techniques and skills. Prerequisite: CP English 8 Meets daily / 1 credit

Honors Literature and Composition 9 Honors Literature and Composition 9 explores the various literary genres through discussion, vocabulary and composition. The genres include short story, novel, myth, drama and poetry. Composition is integrated with the literature units. Composition instruction includes development of a thesis statement

and a five-paragraph essay. Research skills are presented. In addition, vocabulary will be studied. Prerequisite: CP English 8; or Honors English 8; Meets daily / 1 credit

### **10th grade**

English 10 This program is designed to emphasize preparation for a post graduation job, business college, technical college, or associate degree. Basic research, critical thinking skills, writing techniques, reading comprehension and vocabulary development are the main areas of concentration. Must attend Career Day event and write the associated paper or complete alternate assignment. Prerequisite: English 9 Meets daily / 1 credit

### CP American Literature and Composition

In the sophomore year the main focus is the study of literature and the development of effective writing techniques. The literature component includes poems, short stories, novels, plays, and non-fiction essays. The writing component consists of persuasive, expository, autobiographical, and narrative pieces. Vocabulary is also included. Must attend Career Day event and write the associated paper or complete alternate assignment. Prerequisite: CP English 9 Meets daily / 1 credit

### Honors American Literature and Composition

Honors American Literature is an enriched course for sophomore students of literature and composition. The literature is challenging, and it is treated in great depth. Works are organized by genre and they are studied as representatives of their various forms. Writing assignments are given regularly and frequently. These assignments include creative, expository, and critical essays. The research paper is taught and a short research paper is completed. Independent projects and various oral presentations are required. In addition, vocabulary in preparation for standardized testing is included. Must attend Career Day event and write the associated paper or complete alternate assignment. Prerequisite: Honors English 9. Meets daily / 1 credit

### **11th Grade**

English 11 In the junior year attention will be given to addressing multiple literary genres through British Literature. Concentration will be given to vocabulary, writing – emphasizing the five paragraph essay – and research. Junior year English builds upon skills developed in previous years. In addition, job shadowing with the Shadow Day paper, resume development, and standardized test preparation are required components of all junior English classes. Prerequisite: English 10 Meets daily / 1 credit

### CP British Literature and Composition

CP British Literature is a junior year course for four-year university / college bound students. Major British writers, including Chaucer and Shakespeare, are studied in depth. The literature includes poetry, a major novel, short fiction, and non-fiction. Expository writing is a major focus, along with outlining, developing a general topic, limiting the general topic, developing a thesis, developing supportive paragraphs, organizing the complete paper, proofreading, and revising. There are frequent writing assignments based on the literature studied. Research skills are reviewed and expanded, and a research paper is assigned. Vocabulary is systematically studied. In addition, job shadowing with the Shadow Day paper, resume development, and standardized test preparation are required components of all junior English classes. Prerequisite: CP American Literature or Honors American Literature. Meets Daily / 1 Credits

### Honors British Literature and Composition

Honors British Literature is an enriched course for junior students of literature, composition and research skills. It consists of a study of British literature, an emphasis on expository writing, and an emphasis on the principles of research and research skills. Major British writers are studied in depth. Written analysis of literature studied is assigned frequently. Only students with an

## ENGLISH CONTINUED

interest in English studies and a determination to work hard should consider selecting this course. Vocabulary is systematically studied. In addition job shadowing with the Shadow Day paper, resume development, and standardized test preparation are required components of all junior English classes.

**Prerequisite:** Honors American Literature; successful completion of research paper in soph. year.  
Meets Daily/1 Credit

**Advanced Placement English Language and Composition** This course is designed for students who have demonstrated the ability to pursue their study of English at the college level. Through the examination of nonfiction literary models, students will deepen their understanding of the English language and the principles of composition. Readings are taken from a variety of disciplines (including the pure and applied sciences, the social sciences and the arts) and include all of the modes of discourse. A major component of the course is a series of independent projects based on a specific curricular area selected by the student. This course includes frequent reading and writing assignments, independent projects, grammar study, vocabulary development, SAT preparation, and mandatory summer reading and writing. Students are encouraged to take the AP Language and Composition test. Interested students should have mastered the basic concepts of English grammar and usage. Prior training in the research paper is required. In addition job shadowing with the Shadow Day paper, resume development, and standardized test preparation are required components of all junior English classes.

**Prerequisite:** Honors American Literature and Composition; screening test; writing sample required. Successful completion of research paper required.  
Meets Daily/1 Credit

**12th Grade**

**English 12** In the senior year attention will be given to problem-solving strategies, and literature and vocabulary will be studied for the enrichment and expanded understanding of each student in the program. Various pieces of literature and film will be viewed, read and discussed.

**Prerequisite:** Recommended: 11th grade English; work-force-bound or business/technical/associate degree college bound directly from high school.  
Meets Daily/1 Credit

**CP Modern Literature and Composition**

Modern Literature is designed for students who plan to complete a four-year university/college program. The literature read and analyzed is chosen from recognized 20th century works including novels, short stories, essays, drama and poetry. Students are required to prepare a major research paper based on instructions given in CP British Literature or Honors British Literature. The focus of this paper is a literary topic. Other independent literary-cultural projects of a written or oral nature are required. Vocabulary is systematically studied throughout the year. **Prerequisite:** CP British Literature or Honors British Literature; successful completion of research paper.  
Meets Daily/1 Credit

**CP Humanities and Composition**

CP Humanities and Composition is designed for students who plan to complete a four-year university/college program. It is an historical survey approach to the literature of Asia, the Middle East, Africa, Europe and the Americas. Emphasis will be on the variety and diversity and influences of the literature and the Jungian archetypes that are represented therein. A major research assignment will be due by the end of the first marking period. Full-length works as well as excerpts and shorter works are discussed and analyzed, including selections from Dante's *Inferno*, The Iliad and the Odyssey, as well as various films, essays, and works of poetry. Students will be expected to participate and perform in the school's Shakespeare Festival,

as well as complete several projects based in technology.

**Prerequisite:** CP British Literature or Honors British Literature and Composition, successful completion of English research paper.  
Meets Daily/1 Credit

**Honors Humanities and Composition**

Honors Humanities deals with the ages of Western man in various disciplines: philosophy, literature, art history, music history and general cultural development. The course begins with an in-depth study of Jungian

Archetypes and then focuses on two vital human emotions: Love and hate, and the literature and art that has been inspired by them over the ages. Writing assignments include reaction papers as well as literary analyses. Students will complete a variety of technology based projects, both group and solo.

Students will read novels, short stories, philosophical essays, plays, critical essays and poetry. A film study will culminate the course, along with a student film project. The second marking period includes a close study of Dante's *Inferno* along with several projects relating to its themes. A large part of the third marking period will encompass participation and production of the school's Shakespeare Festival, where students produce and perform selections of Shakespeare's plays, in particular, *Hamlet*. **There is a summer reading requirement.**

**Prerequisite:** Writing sample, Teacher recommendation.  
Meets Daily/1 Credit

**Advanced Placement Literature and Composition**

AP English Literature and Composition is an intensive and demanding study of literature and composition. Frequent written assignments, both formal and informal, are required each marking period. In-class writing is assigned. Students are expected to read and write on several books over the summer, with completed writing assignments delivered to the teacher at spaced intervals over the summer. A research paper is required – on a literary topic and adhering to the guidelines of the English department. Students enrolling in this course should possess a superior command of vocabulary and the mechanics of writing, and be able to pay particular attention to literary detail. This course prepares students for the Advanced Placement English Literature and Composition examination. Initial selection for this course will be based upon the application process. Subsequently, in the spring prior to the senior year, students will be required to sit for a much-shortened simulation of the AP exam, which will be scheduled after school. **Prerequisite:** 80% in AP Language and Composition or Honors British Literature and Composition; required writing sample

and PSSA Advanced preferred, as well as successful completion of English research paper.  
Meets daily/ 1 credit

**Oral Communications**

This class is designed for students who want to develop Public Speaking skills, particularly those students who recognize that the number of professions and occupations requiring such skills is growing rapidly. Law, education, and various media are prime examples. Students gain experience in preparing and



delivering several types of speeches, both formal and informal. Students prepare their own speeches and learn to incorporate multimedia.

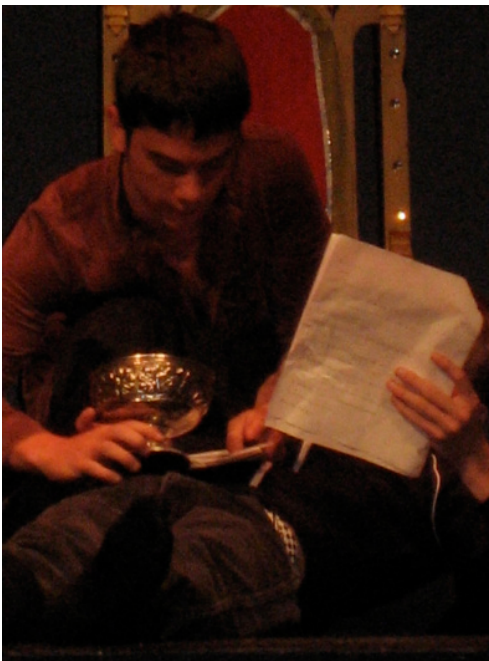
**Prerequisite:** None  
Meets Daily/0.5 Credits

**Creative Writing I**

Students write descriptions, short stories, and poetry. By keeping a daily journal and by impromptu writing, students

will practice writing techniques and forms that are of particular interest to them. Exposure to peer criticism encourages students to evaluate critically and to appreciate good writing. Teaching mechanics is not stressed

except as it applies to individual writing problems; consequently, students electing this course should be competent in the use of language and should be interested in writing either as a vocation or an avocation. There are emphases on vocabulary enrichment and spelling skills.  
**Prerequisite:** None  
Meets Daily/0.5 Credits

**Creative Writing II**

This course is designed for students who have an avid interest and ability in creative writing forms and

techniques. The course will emphasize the production and completion of a creative writing portfolio. Several creative writing forms and techniques will be studied with individual work highlighted and group work presented. This course includes frequent writing assignments, daily journal writing, and an extended genre piece. Communication skills will be emphasized throughout the semester. Students electing this course must be competent in the use of language.

**Prerequisite:** Sophomores, Juniors and Seniors who have successfully completed Creative Writing I.  
Meets Daily/0.5 Credits

**20th/21st century Television and Film**

This course will expose students to some of the greatest films/television shows ever made, both American and foreign, and their impact on society. The course will center on why a film is considered great. Script, directing, acting, cinematography, costumes, music, lighting and sound will be some of the aspects we will explore. We will study older as well as newly released films. After school screenings at local theaters will be optional. Projects will include research into film genres, such as film noir, directors, and

other film professionals as well as the history of American TV. Given time we will study the studio system of the Golden Era of film, great scandals, and great failures. The students will also be expected to make their own short film. A field trips may be scheduled.

**Prerequisite:** Juniors and Seniors who are enrolled in CP, Honors, or AP English. Teacher recommendation.

Meets Daily/ 0.5 credit

**Introduction to Science Fiction and Fantasy**

Introduction to Science Fiction and Fantasy is a single semester elective exploring the history, development, goals and themes of the specific genres known as Science Fiction and Fantasy. Students will read, discuss and respond to assigned readings. A variety of evaluation methods will be used including but not limited to journals, quizzes, and short papers. An oral presentation in conjunction with the required Research Project is expected. Active, thoughtful participation is required. This is a reading intensive course, with students expected to read well over 3000 pages during the semester. Emphasis will be on the literature of the Golden Age of SF to the present, with minimal discussion of other SF media.

**Prerequisite:** Successful completion of at least one research-oriented project using multiple sources employing MLA formatting and a desire to learn more about the genre. Open to students with FULL sophomore status and above. Students who have successfully completed the course may not repeat it.  
Meets Daily/ 0.5 credit

**The Junto**

The Junto is the Easton Area High School newspaper that celebrates over one hundred years of tradition and journalism. The staff is comprised of dedicated and motivated students who have an interest in pursuing a career in journalism and writing. Apart from publishing the newspaper, the staff takes initiative in hosting fund raisers, and supporting charities. Editors will have a class period 9th period daily. Staff members will be scheduled for a studyhall 9th period so they are available for meetings and able to use the time to research and write their articles.

**Prerequisite:** English teacher recommendation; student application; writing/art/photography sample required.

Meets Daily/1 Credit.

**Rechauffe**

This course is designed to teach students all phases of yearbook production from the planning stages to the finished product. Student objectives include acquiring communication skills, developing analytical thinking and becoming proficient with computer technology. The students in the class will participate in the planning of the yearbook from determining the specifications to the final distribution. Students will develop many different skills, such as photography, design, advertising and cooperation with other members of the staff. Students must be able to meet deadlines and be prepared to put time in after school. Computer technology has become an integral part of yearbook design and students will use many programs. Rechauffe is a useful experience for any student interested in design or journalism.

**Prerequisite:** Honors English or Honors History; required teacher recommendation; student application.  
Meets Daily/1 Credit

**SAT Prep**

This course is designed to familiarize students with the SAT exam's structure, content, and directions. Practice drills based on actual tests will be given. Students will receive strategies for finding right answers and tips on when and how to guess. Particular focus areas will be reading comprehension and strategies, vocabulary, grammar, and writing. Students MUST purchase the SAT Review Book.

Meets daily/0.5 credits.

*The students in the photos were practicing for our 2009 Shakespeare Festival which has become an annual event including the Honors Humanities classes the Honors British Literature classes and the Honors 9th grade classes. Each year we hope to include more and more students until it is a school-wide event!*

# English as a Second Language (ESL)

The English As A Second Language Department is provided to all English Language Learners. Upon entering the Easton Area School District the W-APT (WIDA ACCESS Placement Test) is administered by the District Evaluator to identify students who may be candidates for English As A Second Language (ESL). It determines the academic English language proficiency level of students new to a school or to the U.S. school system in order to provide appropriate instructional services according to their level. The students may exit the English As A Second Language program as they reach Pennsylvania's State mandated exiting requirements.

## English As A Second Language 1A

This course is offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit. This class is taken concurrently with System 44 in a block setting.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English As A Second Language 1B

This course is offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English As A Second Language 2A & 2B

These courses are offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English As A Second Language 3A & 3B

These courses are offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English As A Second Language 4A & 4B

These courses are offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English As A Second Language 5A

This course is offered to English Language Learners. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit.  
Prerequisite: Placement test and teacher recommendation  
Meets Daily / 1 Credit

## English for ELLs, 10,11,12

This course is for English Language Learners who have either completed the Bridge 1 English for ELLs course or have been recommended by an ESL teacher. The basic objective of the ESL program is to equip students to use English in the four domains: listening, speaking, reading, and writing. Students use a textbook, notebook, and workbook and are evaluated throughout and at the end of each unit. Prerequisite: Teacher recommendation  
Meets Daily / 1 Credit

## ESL Read 180

The primary objective of this class is to offer students individualized, adjusted instruction to help improve their individual reading level. Students will practice and apply numerous reading skills to further their reading comprehension. The READ 180 class is divided into three separate stations: Computer station, Independent Reading Station, and Teacher Directed Station; each station is tracked through daily progress reports. Students will use the Scholastic READ 180 Stage C text, as

well as read several paperbacks and audiobooks, which are at their assessed reading levels. Students are evaluated throughout and at the end of each unit.

Prerequisites: Students must be enrolled in the ESL program and their WIDA composite score must be a 4.5 or below. Performance on the state mandated PSSA's and 4SIGHTS must be Below Basic or Basic. Recommendation by ESL teacher required.  
Meets Daily for a double period/2 Credits

## ESL System 44

System 44 is a foundational reading and phonics program, which serves as a precursor to READ 180. The scope and sequence integrates lessons on reading fundamentals such as sounds, spelling, high-utility sight words, and strategies for unlocking multi-syllabic words. The class includes computer instruction, independent reading, and teacher directed instruction. Teacher will track students' progress through daily computer grading reports. Students use the Scholastic System computer software program, System 44 Decodable Digest, System 44 workbook, as well as read leveled paperbacks and audio-books. They are evaluated throughout each unit.

Prerequisites: Students must be enrolled in the ESL program. Students' WIDA composite score must be a 3.5 or below. Placement is also dependent upon performance on the PSSA's and 4SIGHTS, with scores of Below Basic or Basic. Students must score 400 or below on the (SRI) Scholastic Reading Inventory. Students must also place into the program based on the results of the (SPI) Scholastic Phonics Inventory. Recommendation by ESL teacher is required.  
Meets Daily / 1 Credit

## ESL Tutorial

This is a teacher-assisted study hall for English Language Learners.  
Meets 3 days a cycle / 0 credit  
Prerequisite: Teacher recommendation

## Advanced English Language Acquisition (Adv. ELA)

This course is for the advanced ability English Lan-

guage Learner, who plans to attend university or college. The curriculum and course objectives are based on the necessary skills for passing the Test of English as a Second Language (TOEFL), which is required by most colleges and universities. Focus is on the four domains of reading, speaking, listening and writing at a more fast-paced, advanced level.

Prerequisite: Teacher recommendation only  
Meets Daily / 1 Credit

## ESL English

Grades 9,10, 11, 12 Prerequisite: English Language Learner as classified by language assessments. This content language development course is for students whose native language is a language other than English. It may include students who have arrived in this country recently or who have not attained a level of English proficiency that will permit then to move to a higher level of English language instruction. The focus of language instruction in this course is to develop a well-rounded base in the four language domains- reading, writing, speaking, and listening- with a concentration in English grammar and writing.  
Meets Daily / 1 Credit

# FAMILY AND CONSUMER SCIENCE

The Family and Consumer Science courses emphasize individuals and families and their roles in our society. The goals of the Family and Consumer Science Department are to assist students, develop attitudes, appreciations, understandings and abilities for the achievement of satisfying personal, family and community life. With this in mind, the curriculum is designed to help individuals appreciate the significance of the family as a basic unit in our society and the impact it makes upon the health, values and attitudes of members at each developmental stage; understand the nature of personal values and their role in determining the quality of personal and family relations in society; perceive family practices of different cultural groups; gain knowledge of underlying principles relevant to meeting human needs; comprehend the influence affecting decision making; develop skills in making decisions and managing resources; acquire knowledge and skills needed to provide food, clothing and shelter for the individual or the family; develop human relations skills; develop intellectual abilities and attitudes needed to deal creatively with continuous social, economic and technological changes affecting family life; and make creative use of leisure time.

## Child Development 1

This elective is designed for freshmen, sophomores, junior and senior students interested in the study of children. Students will explore career opportunities in the field of Child Development and prepare a portfolio of themes and activities to be used in future experiences with children. The areas of study include evaluation of theories on child growth and development and the physical, intellectual, social and emotional development of children from birth through the toddler years.  
Prerequisite: None  
Meets Daily/0.5 Credits

## Child Development 2

This is an elective designed for students interested in child related careers. Students will expand the portfolio started in Child Development 1. The areas of study will include growth and development of children from the toddler stage through school age, planning and executing an activity for the preschool child, lab participation and observations of preschoolers.  
Prerequisite: Successfully complete Child Development 1. Students must have a completed portfolio from Child Development 1.  
Meets Daily/0.5 Credits

## Child Development 3

Child Development 3 is a continuation in the study of children. Students will enhance their knowledge of children by studying special needs students they may encounter in an early childhood classroom, study the importance of good communication skills and parent involvement in their classroom and develop techniques for effective guidance skills. Students will add to their portfolio started in Child Development 1 and 2.  
\*Prerequisite: Students must successfully complete Child Development 1 and 2.  
Meets daily/ 0.5 Credits

## Child Development 4

Child Development 4 is a continuation in the study of children. Students will be completing their

Child Development Portfolio to be used in the future at college, on job interviews and on the job working with children. Portfolio projects will be completed, in class, to adapt, modify and append existing portfolios.

Prerequisite: Students must successfully complete Child Development 1, 2, and 3  
Meets daily/0.5 Credits

## Fashions and Fabric

This elective is designed for freshmen, sophomores, juniors and seniors with an interest in learning up to date information on fashion, fabrics and construction. A project of the student's choice and a sewing sample portfolio will be completed. Included will be tours of clothing manufacturers and a Fashion Design school. Discover sewing can be fun and creative!  
Prerequisite: None  
Meets Daily/0.5 Credits

## Parenting Skills

This elective is open to all freshmen, sophomores, juniors and seniors. The Parenting Skills course will prepare students with basic skills that enable children to grow, mature and learn in a nurturing atmosphere. The areas of in-depth study include: parenting/caregiving styles and responsibilities, reproduction, genetics and birth defects, prenatal development, the birth process, child care and child rearing practices.  
Prerequisite: None  
Meets Daily/0.5 Credits

## Families Today

Families Today is open to all freshmen, sophomore, junior and senior students. This course focuses on the impact of positive family life in building relationships within the family and society. Emphasis is placed on the role of the family as a source of values, ethics and motivation to make healthy choices. Area to be covered include: families in a changing world; improving communication; conflict resolution; managing work and family life; dating; selecting a partner;

choosing and building a strong marriage; managing work and family life; skillful parenting; divorce and remarriage; handling crisis; relating to older adults and understanding death.

Prerequisite: None  
Meets daily/ .5 credits

## Culinary Skills 1

This elective is highly recommended to all students interested in food and the techniques of food preparation. Areas of study include: review of basic nutrition, rights and responsibilities of the consumer, food additives, fats and oil, fruits, vegetables, milk, eggs, cheese, baked goods, pies, cakes, quick breads, yeast breads, etc. All units will include, worksheets, quizzes, food preparation and laboratory evaluation. Careers in the food industry will also be explored. Students must maintain a notebook.

Prerequisite: Sophomores, juniors and seniors only  
Meets Daily/.5 Credits

## Culinary Skills 2

This course is designed for students who have successfully completed the Culinary Skills 1 course. Culinary Skills 2 will enhance basic skills learned in Culinary Skills 1. This course will cover units in: equipment, careers, sauces, French Cookery, hor d'oeuvres, fish, confections, grilling, spices, garnishes, soups, homemade pasta, vegetables, salads and salad dressings, cake decorating and breads. This course will use the premise of a restaurant kitchen in exploring the different stations and the responsibilities of each.  
Prerequisite: Open to juniors and seniors with a 85% or above in Culinary Skills 1  
Meets Daily/0.5 Credits

## College Survival

This course is designed for juniors and seniors planning to attend a two or four year college away from home. The purpose of this course is to prepare high school students with skills needed to have a successful college experience. Topics to be covered include relationship skills, time management, life

skills, personal finance, roommate concerns and exploring the right college fit. Guest speakers and college visitations will be utilized.

Prerequisite: College Prep seniors  
This course is recommended to seniors in fall semester and juniors in the spring semester.  
Meets Daily/0.5 Credits

## Interior Design

This elective is open to all sophomores, juniors, and seniors. The course covers home interiors and their planning, housing selection, renting versus buying, housing styles, line, design and color, scale, balance and proportion, color schemes, planning and designing bedrooms, bathrooms, living areas, kitchen planning and efficient use of space. A final project is required in which a student draw a scale floor plan containing home interiors with fabric swatches, pictures or sketches of all

### CHILDCARE GRADES 11-12 TECH PREP PATHWAY

GRADE 11:  
REQUIRED COURSES:  
PARENTING SKILLS, .5 CREDITS  
CHILD DEVELOPMENT 1, .5 CREDITS  
CHILD DEVELOPMENT 2, .5 CREDITS

ELECTIVES: SELECT 1.5 CREDITS  
ART 1, 2, 3, 4, 1 CREDIT  
CULINARY 1, .5 CREDITS  
CULINARY 2, .5 CREDITS  
FAMILIES TODAY, .5 CREDITS  
FASHION & FABRIC, .5 CREDITS  
INTERIOR DESIGN, .5 CREDITS  
PSYCHOLOGY, 1 CREDIT  
SOCIOLOGY, .5 CREDITS

GRADE 12:  
REQUIRED COURSES:  
CHILD DEVELOPMENT 3, .5 CREDITS  
CHILD DEVELOPMENT 4, .5 CREDITS

ELECTIVES: SELECT 2 CREDITS  
ART 1, 2, 3, 4, 1 CREDIT  
CULINARY 1, .5 CREDITS  
CULINARY 2, .5 CREDITS  
FAMILIES TODAY, .5 CREDITS  
FASHION & FABRIC, .5 CREDITS  
INTERIOR DESIGN, .5 CREDITS  
PSYCHOLOGY, 1 CREDIT  
SOCIOLOGY, .5 CREDITS

# HEALTH AND PHYSICAL EDUCATION

## 9th Grade

### PE 9

This is a general physical education course consisting of skills, rules and competition in team sports, individual sports, fitness activities, swimming and aquatic games.

Prerequisite: None

This course is available to freshmen only

Meets 3 periods per cycle/0.5 Credits

## 10th grade

### Health Education

Accurate information on crucial issues such as decision making, communicable and non-communicable diseases, mental health, substance use and abuse, nutrition, and contraception. Through dissemination of correct information, student are encouraged to have respect for and to make intelligent decisions about their bodies and environment. All tenth grade students must schedule health. Health cannot be deferred.

Prerequisite: None

Meets Daily/0.5 Credits

### PE10 Fitness

This is a personal fitness education oriented class. The emphasis is on four components of fitness; cardio-respiratory endurance, muscular endurance, muscular strength and flexibility. No game or team sports are offered. Offerings will include fitness testing, aquatics, weight lifting, aerobics, and running.

This course is available to sophomores  
Meets 3 periods per cycle/0.25 Credits

## Grades 11,12

### High Intensity Physical Education

This option is recommended to those students who have a desire to participate in team activities at a more competitive level. The focus will be on a general review of the rules and skills with an emphasis on higher level of skills, competitive ability and team or class tournaments. Offerings will include fitness testing, aquatics, touch football, basketball, soccer, combative games, tennis, volleyball, floor hockey, softball, lead-up games, and

aerobics. Prerequisite: None

This course is available to juniors and seniors only

Meets 3 periods per cycle/0.5 Credits

### General Physical Education

This option is recommended to those students who would like an introduction to team games. The emphasis is on skills and lead-up games to specific activities. A more thorough review of rules and skills will be stressed. Offerings will include fitness testing, aquatics, racquet games, volleyball, indoor soccer, flicker football, floor hockey, aerobics, frisbee games, tennis and light conditioning.

Prerequisite: None

This course is available to juniors and seniors only

Meets 3 periods per cycle/0.5 Credits



# MATHEMATICS

Within the selection of math courses students will find a track for every ability level and a sequence of courses that will provide them with the mathematical background necessary to compete in our complex society and to pursue their chosen aspirations successfully. Whichever course is selected, students will find the material presented to be directly relevant and practical or taught with the purpose that it will eventually become a useful tool. It must be understood that often in mathematics many seemingly useless topics are necessary to master before they can be meshed into powerful, thoroughly useful concepts. Successful completion of every course will naturally require effort. Each topic presented will require attentiveness and responsibility to do the work assigned in order that it is understood and mastered. Your success in the future

## All Students

### Prealgebra/Algebra I

This course reviews operations of integers, fractions, decimals, equations, algebraic expressions, graphing, inequalities, linear equations, and polynomials. Homework and a well-kept notebook will be required.

Prerequisite: None

Meets Daily for a double period/ 2 Credits

### Algebra 1A/Algebra IB

This course provides a more in-depth study of the topics covered in Prealgebra. An intense study in basic skills, solving equations and inequalities, and factoring are included in this course. Homework and a well-kept notebook will be required.

Prerequisite: Applied Prealgebra

Meets Daily for a double period/ 2 Credits

### Algebra IB

This course provides a more in-depth study of the topics covered in Algebra I. An intense study of the topics covered in Algebra I. An intense study in solving equations, polynomials, inequalities, graphing, and factoring are included in this course. Homework and a well-kept notebook will be required.

Prerequisite: Any student who passed Algebra I but does not receive a 70% or better will take this course.

Meets daily/ 1 Credit

### Algebra 1

This course covers sets, variables, operations on real numbers, solving equations and inequalities, polynomials, factoring, and algebraic fractions. Homework and a well-kept notebook will be required

Prerequisite: Prealgebra 8B 70% and teacher recommendation

Meets Daily/1 Credit

### CP Algebra 1

This course covers operations on real numbers, solving and graphing linear equations and inequalities in one or two variables, polynomials, factoring and solving quadratic equations. Homework and a well-kept notebook will be required.

Prerequisite: 75% or better in CP Prealgebra 8A and teacher recommendation

Meets Daily/1 Credit

### Math Concepts

This course will review algebra 1 and introduce students to geometry and pssa related topics.

Prerequisite: Applied Algebra 1. If a student received credit for Geometry or Algebra 2 he MAY NOT enroll in this course.

Meets Daily/1 Credit

### Geometry

The areas covered in this course are points, lines, angles, parallel lines, proving triangles congruent, using congruent triangles, polygons, circles, area and perimeter of quadrilaterals and circles, similar polygons, solids, Pythagorean Theorem and using special right triangles. Homework and a well-kept notebook will be required.

Prerequisite: 70% or better in Alg 1

Meets Daily/1 Credit

### CP Geometry

The structure of deductive proofs will be emphasized. The content of the course includes angles, segments, measures and relationships of parallel lines, triangles, polygons, circles, spheres, areas and other related measures of circles and polygons and coordinate geometry. Homework and a well-kept notebook will be required.

Prerequisite: 70% or better in CP Alg 1

Meets Daily/1 Credit

### Honors Geometry

This course reviews sets and properties of the real numbers. Deductive reasoning is stressed throughout the course. Emphasis is placed on deductive proofs. Angles, parallel lines, triangles, circles, solids, area, volume, coordinate geometry and constructs are covered. Homework and a well-kept notebook will be required.

Prerequisite: 80% or better in Honors Algebra 1 or teacher recommendation

Meets Daily/1 Credits

### Algebra 2

This course covers operations with real numbers, solving one and two variable equations, graphing equations, inequalities and systems of inequalities, factoring polynomials, simplifying rational expressions and solving quadratic equations. Homework and a well-kept notebook will be required.

Prerequisite: Algebra 1

Meets Daily/1 Credit

### CP Algebra 2

This course covers all those areas described in Algebra 2 plus quadratic systems, linear-quadratic systems and logarithms. Homework and a well-kept notebook are required.

Prerequisite: 70% or better in CP Alg 1 or by teacher recommendation

Meets Daily/1 Credit

### Honors Algebra 2

This course consists of all those areas described in CP Algebra 2 and will also cover complex numbers, progressions, and polynomial equations. A graphing calculator is used in this course. Homework and a well-kept notebook will be required.

Prerequisite: 80% or better in Honors Algebra 1 and Honors Geometry.

Meets Daily/1 Credit

### Trigonometry and Algebra 3

This course covers trigonometry and analytic geometry as a preparation for college mathematics. Homework and a well-kept notebook will be required. Students must provide their own scientific calculator.

Prerequisite: Geometry and a 75% or better in Algebra

Meets Daily/1 Credit

### CP Precalculus

This course covers trigonometry and analytic geometry as a preparation for Honors Calculus. Homework and a well-kept notebook are required. A graphing calculator is used in this course.

Prerequisite: 75% or better in CP Algebra 2 and CP Geometry or recommendation of prior teacher

Meets Daily/1 Credit

### Honors Precalculus

This course thoroughly covers polynomial functions, analytic geometry and trigonometry as a preparation for Honors or AP Calculus. Homework and a well-kept notebook are required. A graphing calculator is required for this course.

Prerequisite: 80% or better in Honors Algebra 2 or teacher recommendation

Meets Daily/1 Credit

### Honors Calculus

This course covers limits, the derivative and its applications as a rate of change, the definite integral and its application as a summation. Homework and a well-kept notebook will be required. A graphing calculator is used in this course.

Prerequisite: 80% or better in CP Precalculus or Honors Precalculus

Meets Daily/1 Credit

### Honors Statistics

This course is designed to engage students in the analysis of data using graphical and numerical techniques. This course will cover topics including describing and displaying data, exploring relationships between variables, gathering data, probability, and inferences from these topics. A graphing calculator is used in this course.

Prerequisite: 80% or better in Honors Algebra 2, CP or Honors Pre-calculus or teacher recommendation

Meets Daily/ 1 Credit

### Advanced Placement Calculus AB

This course is a college Calculus I class. It covers limits, derivatives, applications of the

derivative, and area and volume with basic integration techniques.

Prerequisite: 85% or better in Honors Precalculus with teacher recommendation

Meets 8 periods per cycle/1 Credits

### Advanced Placement Calculus BC

This course covers college Calculus I and II. It covers limits, derivatives, applications of the derivative, and area and volume, parametric and polar coordinates, sequences, series, differential equations and slope fields.

Prerequisite: 90% or better in Honors Precalculus with teacher recommendation

Meets 8 periods per cycle/1 Credits

### SAT Review

This course is designed to familiarize students with the exam's structure, content, and directions. Practice drills based on actual tests will be given. Students will receive strategies for finding right answers, and tips on when and how to guess. Students MUST purchase the SAT Review Book

Prerequisite: Must be a junior who completed algebra I and completed or currently enrolled in geometry. Student is responsible for purchasing a book (\$15.00).

Meets Daily/0.5 Credits

### PSSA Math 9, 11

This semester course is designed to familiarize students with the PSSA exam structure, content, and directions. Practice drills will be given. Students will be taught strategies and tips to help them become proficient on the PSSA test. Placement based on test scores.

Prerequisite: none

Meets daily/.5 credits

### AP Statistics

AP Statistics is an introductory course to statistics meant to prepare students for the Advanced Placement exam. The purpose of this AP course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will explore and analyze data using graphical and numerical techniques. Students will explore patterns and departures from patterns. Students will also use probability and statistical inferences to develop an appropriate model for data collected. A graphing calculator is used in this course.

Prerequisite: Honors Pre-Calc

Meets daily/1 Credit

# MEDIA ARTS AND DESIGN COURSES

The Media Arts and Design Department offers a program that focuses on visual communication design with an emphasis on digital media. The program begins with the study of basic design elements and processes: form, color, letterforms and typography, visual technologies, and the introduction of television production.

## Grades 10, 11, 12

### Television Production (eTV)

This course covers basic theory and operation of television equipment and focuses on skills in studio and field equipment, lighting, and audio. The instruction includes a series of in-class laboratory sessions that develop basic hands-on competencies. The class will write, produce, and direct a news program that will be aired daily on cable and throughout the school.

Prerequisite: Grades 10-12 and teacher recommendation (Application)

Meets: Period 1 Daily / 1 Credit

### Television Pre-Production (eTV)\*

This class is for students interested in supporting

might be asked to participate in other studio functions involving the production of various programs related to other departments in the school.

Prerequisite: Grades 10-12 and teacher recommendation (Application)

Meets: Period 8 Daily / 1 Credit

### Digital Media Production (Video)

This course introduces the basics of video production utilizing a camcorder and video editing equipment. Students study video technologies, basic equipment operation, video composition, basic lighting and audio production planning, and video storytelling. Students work in groups to create video projects utilizing post-production



the television studio operations by creating features, writing scripts, editing film, and preparing any necessary materials for the morning news program show on eTV. In addition, students

editing. This class supports eTV.

Prerequisite: Art 1 or Teacher Recommendation.

Meets Daily / 1 Credit

### Communication Design

This course prepares students for exciting careers in visual communication: advertising, illustration, display, digital photography, web design, packaging design, and publication layout. Communication Design provides students with creative problem solving techniques, computer knowledge and skills necessary to put together presentations using Apple computers and current design software programs.

Prerequisite: Art 1 (minimum grade 70%) or Teacher Recommendation.

Meets Daily / 1 Credit

### Media Studies (Journalism)

This is a single semester elective exploring the history, development, and goals of print and broadcast journalism. Students will learn about the various forms of media, specifically newspapers, magazines, radio, and television, and understand how each got its start, what components are essential to its success, and how each meets its goals and targets specific audiences. A variety of

evaluation methods will be used, including but not limited to journals, quizzes, short papers, oral presentations, and projects (group and individual). Active, thoughtful participation is required. This course is a must for students interested in becoming part of the high school broadcasting studio crew.

Prerequisites

Successful completion of at least one research-oriented project using multiple sources and employing MLA formatting, along with a desire to learn more about the field of print and broadcast journalism. Open to students with full sophomore status and above. Students who have successfully completed the course may not repeat it.

# MUSIC

The philosophy of the Music Department of Easton Area High School is two-fold. The first objective is to meet the needs of students who enjoy music on a vocational level. This is accomplished through the volunteer instrumental and vocal performing organizations, as well as courses such as Music Literature, and to a degree, Honors Improvisation and Arranging I and II, Music Rudiments and Introduction to Music Listening, Percussion Lab, Piano Lab I and II and Voice Lab I and II. The second goal is to meet the needs of the student considering music as a professional career. This is accomplished through the additional instrumental and vocal performing organizations, as well as courses such as Honors Music Theory I and II and AP Music Theory, Music Literature, and to a degree, Honors Improvisation and Arranging I and II, Music Rudiments and Introduction to Music Listening, Piano Lab I and II, and Voice Lab I.

## 9th grade

### Freshman Band 3x A,C,E

The study, rehearsal and performance of contemporary and classical band literature is emphasized. Students are offered the opportunity to develop their musicianship through individual and group instruction, solo performances, sight-reading and conducting. The band performs at concerts and community functions.

Prerequisite: Audition and instructor approval. This course is available to freshmen only.

Meets A,C,E days/0.5 Credits

### Freshman Choir - Daily

Freshman Choir has a two-fold emphasis: performance of worthy choral literature and singing for enjoyment. Students should be willing to improve their individual singing abilities and to contribute to the overall improvement of the choir. The choir performs at school and community functions, and concerts.

Prerequisite: The ability to sing with reasonable pitch and tone quality. Requires instructor or counselor approval. This course is available to freshmen only.

Meets Daily/1 Credit

### Freshman Choir – 3X/Orchestra (A,C,E)

Freshman Choir has a two-fold emphasis:

performance of worthy choral literature and singing for enjoyment. Students should be willing to improve their individual singing abilities and to contribute to the overall improvement of the choir. The choir performs at school and community functions, and concerts.

Prerequisite: The ability to sing with reasonable pitch and tone quality. Requires instructor or counselor approval; see below

This course is available to freshmen who are in orchestra only.

Meets 3 periods per cycle/0.5 Credits

### String Ensemble 9 3x B,D,F

The study of contemporary and classical orchestral literature is emphasized. Students are offered the opportunity to develop their musicianship through individual and group instruction, solo performances sight-reading and conducting. The ensemble performs at in-school concerts and school functions. This course is for string players, not woodwind, brass or percussion.

Prerequisite: Audition and instructor approval.

Meets B,D,F days/0.5 Credits

### Band A,C,E grades 10,11,12

The study, rehearsal and performance of contemporary and classical band literature

are emphasized. Students are offered the opportunity to develop their musicianship through individual and group instruction, solo performances, sight-reading and conducting. The band performs at in-school concerts, community functions and festivals.

Prerequisite: Audition and instructor approval.

Meets A, C, E days/.5 Credits

### Concert Choir/Grades 10, 11 and 12

Note: May be scheduled 3 periods per cycle for students whose schedules won't permit more than 3 Concert Choir has a two-fold emphasis: performance of worthy choral literature and singing for enjoyment. Students should be willing to improve their individual singing abilities and to contribute to the overall improvement of the choir. The choir performs at school and community functions, competitions and concerts.

Prerequisite: The ability to sing with reasonable pitch and tone quality; open to students Please be apprised that if the male/female balance is disproportional, a Sophomore Women's Choir will be formed from the 10th grade women enrolled in Concert Choir. Requires instructor and counselor approval.

This course is available to sophomores, juniors and seniors only.

Meets Daily/1 Credit

### Concert Choir 3X – B,D,F Grades 10, 11 and 12

Concert Choir has a two-fold emphasis: performance of worthy choral literature and singing for enjoyment. Students should be willing to improve their individual singing abilities and to contribute to the overall improvement of the choir. The choir performs at school and community functions, competitions and concerts.

Prerequisite: The ability to sing with reasonable pitch and tone quality; open to students Please be apprised that if the male/female balance is disproportional, a Sophomore Women's Choir will be formed from the 10th grade women enrolled in Concert Choir. Requires instructor and counselor approval.

This course is available to sophomores, juniors and seniors only

Meets 3 periods per cycle/0.5 Credits

### Band/Orchestra – Grades 10, 11 and 12

Rehearsal days to be determined by the respectedirectors.

Prerequisite: Same as Band, Choir or Orchestra This course is available to sophomores, juniors and seniors only

Meets Daily/1 Credit

### Concert Choir/Orchestra – Grades 10, 11 and 12

Concert Choir has a two-fold emphasis: performance of worthy choral literature

## MUSIC CONTINUED

and singing for enjoyment. Students should be willing to improve their individual singing abilities and to contribute to the overall improvement of the choir. The choir performs at school and community functions, competitions and concerts. Prerequisite: The ability to sing with reasonable pitch and tone quality; open to students Please be apprised that if the male/female balance is disproportional, a Sophomore Women's Choir will be formed from the 10th grade women enrolled in Concert Choir. Requires instructor and counselor approval. This course is available to sophomores, juniors and seniors only.  
Meets 3 periods per cycle/0.5 Credits

**Band/Choir/Orchestra – Grades 10, 11 and 12** (Rehearsal days to be determined by the respective directors. Prerequisite: Same as Band, Choir or Orchestra. This course is available to sophomores, juniors and seniors only.  
Meets Daily/1 Credit

**Orchestra 3x– Grades 10, 11 and 12 B,D,F**  
The study of contemporary and classical orchestral literature is emphasized. Students are offered the opportunity to develop their musicianship through individual and group instruction, solo performances, sight-reading and conducting. The ensemble performs at in-school concerts and school functions. Winds, brass, and percussion from band are accepted by audition only.  
Prerequisite: Audition and instructor approval.  
This course is available to sophomores, juniors and seniors only.  
Meets B,D,F days/0.5 Credit

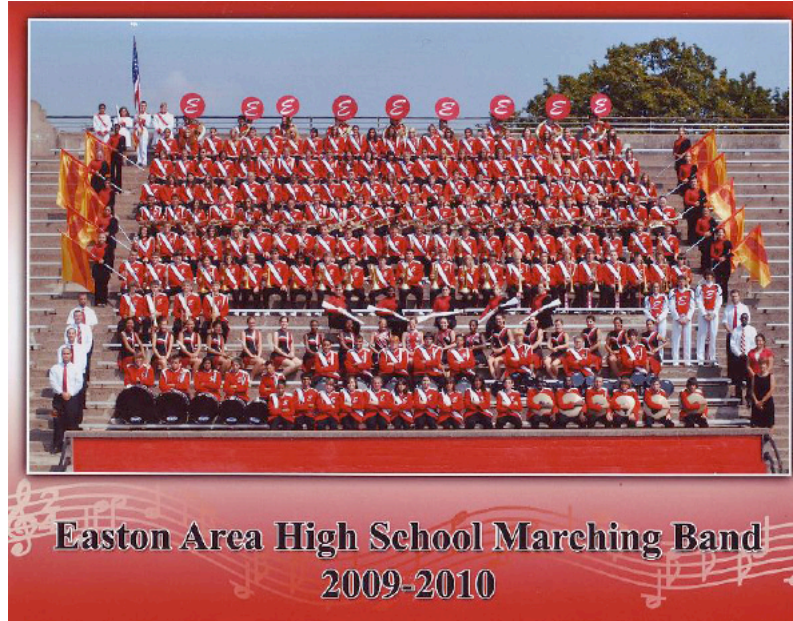
**Piano Lab I – Grades 9, 10, 11 and 12**  
Piano Lab I is a class instruction approach to learning one of the most basic instruments to the musical field. The study of basic keyboard skills, technique, music reading, and keyboard theory are emphasized. This class is definitely recommended for those students who wish to pursue a career in music, a musically related field, or are interested in learning about the keyboard and do not have the opportunity to study privately because of a lack of an instrument or family financial constraints.  
Prerequisite: Interest in learning basic keyboard skills, theory, and music reading. This class is designed for students who have little or no prior keyboard experience  
Meets Daily/1 Credit

**Piano Lab II – Grades 10, 11 and 12**  
Piano Lab II is a continuation of Piano Lab I on a more advanced level. The study of keyboard skills, technique, music reading and keyboard theory will continue as emphases of the course. This class is definitely recommended for those students who wish to pursue a career in music, a musically related field or are interested in further development of keyboard skills.  
Prerequisite: Piano Lab I and/or instructor approval.  
This course is available to sophomores, juniors and seniors only.  
Meets Daily/1 Credit

**Voice Lab I – Grades 9-12**  
Fundamentals of proper voice production will be emphasized. A stress on the improvement of music reading through Solfeggio (sight-singing) and solos, will comprise a main part of the course. Students will gain experience in singing music of various styles and languages.  
Prerequisite: Interest in developing one's voice toward the goal of good ensemble and solo singing.  
Meets Daily/1 Credit

**Voice Lab II – Grades 10, 11 and 12**  
A more in depth study of the fundamentals of proper voice production will be emphasized. A stress will be placed on advanced music reading through Solfeggio (sight-singing), and solos will comprise a main part of the course. Students will gain experience in singing

more advanced music in various styles and languages.  
Prerequisite: Voice Lab I and/or instructor approval.  
This course is available to sophomores, juniors and seniors only.  
Meets Daily/1 Credit



**Music Literature – Grades 10, 11 and 12**  
The course is designed to increase and improve the student's understanding and enjoyment of music through intelligent, directed listening habits. Most of the class time will comprise of listening to a wide variety of recorded examples with the purpose of becoming acquainted with form and style of representative composers. Students are highly encouraged to discuss their perceptions of the listening examples. While much of the attention is given to more recognized



composers, study of all types of music are included.  
Prerequisite: An interest in listening to and studying all styles of music  
This course is available to sophomores, juniors and seniors only  
Meets Daily/1 Credit

**Honors Music Theory I – Grades 9-12**  
The fundamentals of music composition, including notation, rhythm, scales, chords and part-writing are taught in Honors Music Theory I. In addition, sight-singing, ear-training, keyboard and instrumental writing will be studied. Theory I is definitely recommended for those students who may wish to pursue music in college or on a serious avocational level.  
Meets Daily/1 Credit

Prerequisite: Ability to perform music, vocally or instrumentally, on a rudimentary level.  
Meets Daily/1 Credit

**Honors Music Theory II – Grades 10,11 and 12** Honors Music Theory II is a continuation of the fundamentals on an advanced level.  
Meets Daily/1 Credit

Included are chord inversions, secondary seventh chords, analysis at sight, four-part writing and keyboard harmony. Ear-training, as in dictation and sight-singing also continue on a more advanced level. Theory II is definitely recommended for those students who may wish to pursue music in college or on a serious avocational level.  
Prerequisite: Music Theory I or instructor approval.  
This course is available to sophomores, juniors, and seniors only.

Meets Daily/1 Credit

**AP Music Theory – Grade 11,12** AP Music Theory topics include advanced part-writing techniques, foreign modulations, form and analysis, composition, transcribing excerpts from music literature for vocal and/or instrumental ensembles. Concert band and orchestral compositions will be written for this class. Ear-training will continue on a more advanced level through the use of dictation and sight-singing.  
Prerequisite: Music Theory II or instructor approval.  
This course is available to juniors and seniors only.  
Meets Daily/1 Credit

**Honors Jazz Improvisation and Arranging I – Grades 11 and 12** This course is designed for the student who is interested in the only true American musical art form – Jazz. The fundamentals of improvisation, scales, chords, patterns and cliches will be stressed. Individual expression in the jazz idiom through the use of recordings and/or live ensembles and listening to good jazz music will also be included. This will be done in class and as part of outside assignments. The writing of acceptable music manuscript, both original and transcription, will be an integral part of the course. Community resources will also be tapped.  
Prerequisite: Music Theory I and instructor approval. This course is available to juniors and seniors only.  
Meets Daily/1 Credit

**Honors Jazz Improvisation and Arranging II – Grades 12**  
Honors Improvisation and Arranging II is a continuation of the work begun in Improvisation and Arranging I with the addition of modal and exotic scales.  
Prerequisite: Improvisation and Arranging I and instructor approval.  
This course is available to seniors only.  
Meets Daily/1 Credit

**Percussion Lab – Grades 9, 10, 11 and 12**  
The main objective of the course is to develop the student rhythmically and melodically by emphasizing the fundamentals of melodic and battery percussion. The students will study the history of percussion, both in the U.S. and abroad. The Lab will perform at the Spring Instrumental concerts.  
Prerequisite: Interest in learning percussion technique, theory, and music. This class is designed for students with little or no experience or vast experience. Must be a member of band, orchestra or choir.  
Meets Daily/1 Credit

**Freshman Band/String Ensemble**  
Rehearsal days to be determined by the respective directors. This class is for individual students who play both a band and string instrument.  
Prerequisite: Same as Band, Choir or String Ensemble.  
This course is available to freshmen only.  
Meets Daily/1 Credit

**Choir/String 9**  
Rehearsal days to be determined by the respective director  
Prerequisite: Same as Band, Choir or String Ensemble  
Meets Daily/1 Credit

**Freshman Band/Choir/String Ensemble**  
Rehearsal days to be determined by the respective directors.  
Prerequisite: Same as Band, Choir or String Ensemble. This course is available to freshmen only.  
Meets Daily/1 Credit

**Music Rudiments and Introduction to Music Listening**  
Music Rudiments and Introduction to Music Listening will be taught as two one-semester courses. Each student will take Music Rudiments for one semester and then switch to Introduction to Music Listening for the other semester, or vice versa. Students will be introduced to the elements of music through directed listening activities, sight-singing, rhythmic activities, dictation and introduction to score reading.  
Prerequisite: An interest in developing one's music reading and performance skills and an interest in developing one's music listening skills. This class, although not a prerequisite to Honors Music Theory I or Music Literature, will enhance the student's chances for a higher level of success in either course.  
Meets Daily/1 Credit

The Music department is just one of the many places at EAHS where students can hone their creative skills. There are many courses designed specifically for the musically inclined, as well as for those hoping to expand their appreciation of what Shakespeare called the “food of love.” Play on, play on.

# SCIENCE

Science is the search for understanding the natural world and facts, principles, theories and laws that have been verified by the scientific community and are used to explain and predict natural phenomena and events. Acquiring scientific knowledge involves constructing hypotheses using observation and knowledge in the content area in order to formulate useful questions that provoke scientific inquiry. The science department not only wishes to impart this knowledge to our students, but to have them inquire, problem solve and think scientifically.

\*Note: All Sciences are arranged by discipline

## Earth and Space Sciences

### Earth and Space Science

This course gives an overview of the four Earth Sciences: geology, astronomy, oceanography and meteorology. In geology, Earth materials and processes that affect the Earth's surface are studied. Students learn about the solar system stars and the Earth's place in the universe. Students study how the oceans and atmosphere affect Earth's weather and climate.

Prerequisite: None

Meets Daily/1 Credit

### CP Earth and Space Science

All information covered in Earth and Space Science will be studied in CP Earth and Space Science. This course is for college bound students who have demonstrated success in previous science courses. It is, in addition to learning fundamental concepts and nomenclature, a more in-depth study of the basic concepts.

Prerequisite: CP Physical Science or teacher recommendation

Meets Daily/1.2 Credits

### Honors Earth and Space Science

This course is recommended for those students who plan to take honors science courses in 10<sup>th</sup> through 12<sup>th</sup> grades. This course is an in-depth survey of the four major earth sciences: geology, meteorology, oceanography, and astronomy. This course is writing, laboratory, and research intensive. Each student must complete an independent, self-selected, instructor approved, long-term research project involving experimentation. Results of the project will be presented formally at the Pennsylvania Junior Academy of Science, or Lehigh Science Fair. Prerequisite: Honors Physical Science, Honors Algebra 1, Honors English, Teacher recommendation. Meets 8 periods per cycle/ 1.4 credits

### Pre-AP Earth and Space Science

This course is required and is to be taken concurrently with the Pre-Advanced Placement Biology Course. This course will provide students with an in-depth overview of the Earth Sciences: Geology, Oceanography, Meteorology, and Astronomy, and will prepare students for other advanced placement courses. This course is writing, laboratory, and research intensive. Each student must complete an independent, self-selected, instructor approved, long-term research project involving experimentation. The results will be presented at a professional forum as designated by the instructor.

Prerequisite: Pre-Advanced Placement Chemistry

Meets: 6 periods per cycle/ .5 credits

## BIOLOGY

### General Biology

This biology course is for the non-college bound student. It consists of instructional units presenting the fundamentals of biology, combined with the integration of hands-on laboratory activities. To successfully complete the course, the student will study the scientific method, laboratory procedures, ecology, the chemistry of life, cell structure and function, life processes of organisms, genetics, evolution, and a survey of all the kingdoms of life, with a concentration on vertebrates.

Prerequisite: None

Meets Daily/1 credit

### College Prep Biology

The College Preparatory Biology course is offered to those students that have successfully satisfied all prerequisite requirements in science and mathematics from grades 7, 8 and 9. This course is also intended to prepare students for subsequent levels of college preparatory sciences.

Academically the course content will be presented as indicated.

1. Molecular Biology
2. Biochemistry

3. Cell Biology
4. Photosynthesis and Respiration
5. Genetics
6. Botanical Studies
7. Zoology

Modern contemporary studies (i.e. physiological pathways, diseases, and genetics) will be included as the course progresses.

Prerequisite: CP Earth and Space, CP English 9, teacher recommendation, student desire to pursue higher academic levels.

Meets 7 periods per cycle/1.2 Credits

### Honors Biology

This course is designed for students interested in pursuing an academic career. It is an examination of the structure and processes necessary for the perpetuation of living systems with an emphasis on chemical and biochemical pathways. A requirement is a development of a research project during the academic year using proper application of research techniques and design reflecting the scientific method. The research project must then be presented at the Pa. Junior Academy of Science (PJAS) or The Lehigh Valley Science

### Advanced Placement Biology

Advanced Placement biology is designed as a second biology course. It is intended to prepare students to take the AP biology exam in the spring and to give the students an understanding and appreciation of the vast diversity of living organisms, their special adaptations to their environment, and their evolutionary and ecological relationships. The course will be covered in eleven major content groupings. These will include the chemistry, cytology, metabolism, cellular respiration, photosynthesis, cell division, heredity, molecular genetics, evolutionary biology, diversity of organisms, plants, animals, humans, and ecology. Scientific writing will be emphasized and opportunities to share newly acquired knowledge made available through free response essays. Laboratory work will include microscope study and the incorporation of the twelve recommended AP biology labs, which are a basis for the AP biology exam topics.

Prerequisite: CP Biology, Honors Biology, or Pre-AP Biology, and Chemistry.

Meets 9 periods per cycle/1.6 Credits

cycle. It is recommended the student have taken Chemistry prior to, or in conjunction with, this course. Prerequisite: Biology, Earth And Space Science, Algebra, or permission of instructor.

Meets Daily/1 Credit

### CP Environmental Science

This course covers the following topics: population, biodiversity, ecological systems, air quality, water quality, aquatic systems, nonrenewable and renewable resources, and agriculture. Students will be given the opportunity to choose topics of interest to write formal research papers and create projects. Also, students will be testing and analyzing changes within the environment. This course is designed for those who may be attending colleges or tech. schools, which require research and/or lab skills. This course meets 7 times per cycle. It is strongly recommended the student have taken Chemistry prior to, or in conjunction with, this course.

Prerequisite: minimum of Biology, Earth And Space Science, Algebra II or permission of instructor.

Meets 7 periods per cycle/1.2 credits

### Honors Environmental Science

This course consists of all of the topics described in CP Environmental Science. It is designed for students going into post-secondary work in science, business, engineering, law, or research. There will be an in-depth analysis on world issues, economic, and politics that cause issues with reaching sustainability. Students will be required to do multiple research projects. Other projects will consist of use of technology, data analysis and collection, and presentations that will support possible solutions to the environment. Honors Environmental Science requires mandatory summer work consisting of research and fieldwork presented in journal format. This course meets 8 times per cycle. It is highly recommended the student have taken Chemistry prior to, or in conjunction with, this course.

Prerequisite: Minimum of CP Biology, CP Earth And Space Science, Algebra II or permission of instructor.

Meets 8 periods per cycle/1.4 credits

### Advanced Placement Environmental Science

While similar in content to Honors Environmental Science, Advanced Placement students will go into considerably more depth with topics. Intensive reading, writing, and thinking are required of all courses, but especially AP. In addition to the individual research projects and papers due throughout the year, there will be a large group project as a capstone to the course, utilizing the concepts learned. The class will present this project in a public forum, and it will be of substantial impact to the school or the community. AP Environmental Science requires mandatory summer work consisting of research and fieldwork presented in journal format. This class meets 9 times per cycle. It is strongly recommended (but not mandatory) that the student use this as the culminating course for the pre-AP and AP battery of courses offered at EAHS.

Prerequisite: Honors Biology, Honors Earth And Space Science, Algebra II or permission of instructor.

Meets 9 periods per cycle/ 1.5 credits

## Chemistry

### General Chemistry

This is a course in Chemistry for the non-college bound student. This course requires problem solving, lab work, and the use of technology tools. The use of a scientific calculator is required for the course.

Prerequisite: Biology, Algebra I

Meets Daily/ 1 Credit



Fair (LVSF). Course topics are: cytology (including respiration and photosynthesis), genetics (including gene expression and genetic engineering), evolution, and ecology. Also, the six major taxonomic groups of living organisms will be introduced, surveyed and compared. Prerequisite: Honors Earth and Space, Honors English 9, Pre-AP Chemistry or teacher recommendation.

Meets 8 periods per cycle/1.4 credits

### Pre-Advanced Placement Biology

This course is a survey course designed for the student interested in pursuing and academic career specifically in the Sciences. Each student is REQUIRED to develop a research project using the scientific method design, which will extend over the academic year. Each student is also REQUIRED to present their research project at the Pennsylvania Junior Academy of Science or the Lehigh Valley Science Fair. Specific areas for the year will relate the students' accumulated knowledge of inorganic and organic chemistry to a full understanding of biochemical pathways in living systems like DNA structure and processes, respiration and photosynthesis and the application of these systems in biology. Students will study other topics including: the six kingdoms of organisms plus viruses, cytology, genetics and genetic engineering, classification, evolution, and ecology.

Prerequisite: Pre-Advanced Placement Chemistry

This course is available to sophomores only

Meets 8 periods per cycle/1.4 Credits

### Honors Human Anatomy and Physiology

This course is designed for seniors who are interested in pursuing a major in medicine, nursing or other health related fields. It is similar to a college course, and requires extra time and effort in order to succeed. Students will explore detailed structure and function of the human organism through a systemic approach, beginning with an overview of anatomic terminology and histology (study of tissues). Systems discussed include integumentary, skeletal, muscular, nervous, cardiovascular, lymphatic, respiratory and digestive. Dissection is an integral part of the course and will not be excused. Students will also apply knowledge to analyze and evaluate case studies throughout the year. The course culminates with an Autopsy project, in which students will research autopsy procedures, view a videotaped autopsy, and diagnose the cause of death.

Prerequisite: CP Biology or Honors Biology

Meets 8 periods per cycle/1.4 credits

### Environmental Sciences

#### Environmental Science

This course covers the following topics: population, biodiversity, ecological systems, air quality, water quality, aquatic systems, nonrenewable and renewable resources, and agriculture. It is an excellent choice for students who desire a basic understanding of environmental issues, and who aren't afraid to get dirty. Students will analyze real world scenarios and how they affect their daily life. Research papers or projects are a requirement. This course meets 6 days per

## SCIENCE Continued

CP Chemistry

This course is designed for the college-bound student, but not necessarily for the student majoring in the sciences. Basic concepts of chemistry are explored and an appreciation of the physical universe is developed. Principles are studied qualitatively as well as quantitatively. This course requires problem solving, lab work, and the use of technology tools. A scientific calculator is required. Prerequisite: CP Biology and CP Algebra I Meets 7 periods per cycle/1.2 Credits

Honors Chemistry

This course studies the basic principles of chemistry with an emphasis on the mathematical relationships involved. Laboratory experiments are conducted that reveal or verify the theoretical concepts under study. Each student must complete an independent, self-selected, instructor approved, long-term research project involving experimentation. The results will be presented at a professional forum as designated by the instructor. This course is recommended for those whose college studies will be in the sciences.

Prerequisite: Honors Algebra 2 and Honors Biology  
Meets 8 periods per cycle/1.4 credits

Pre-AP Honors Chemistry

This course is recommended for those students who plan to take honors and advanced placement science courses in 10th, 11th and 12th grades. There is a great deal of emphasis on the mathematical and conceptual foundations of chemistry. There is a rich and varied lab program used to support these foundations. Each student must complete an independent, self-selected, instructor approved, long-term research project involving experimentation. The results will be presented at a professional forum as designated by the instructor.

Meets 8 periods per cycle/1.4 credits

Advanced Placement Chemistry This course prepares students for the Advanced Placement Chemistry Examination in May. Emphasis is placed on topics such as the structure of matter,

kinetic theory, thermodynamics, chemical equilibria, chemical kinetics, electrochemistry and quantum mechanics. There are three class periods and three double period laboratory sessions per cycle. Extensive emphasis is placed on problem solving and lab work.

Prerequisite: Honors Chemistry and Honors Biology; Honors Precalculus (or taking concurrently)



Meets 9 periods per cycle/1.6 credits

Introduction to Organic Chemistry

This course is designed for students entering a medical, nursing, chemical or biological field in college. The course will afford the student the opportunity to study the organic compounds, which are not typically covered in the first year CP Chemistry course. The course will cover the Alkane, Alkene, Alkyne families, also the alcohols, esters, ethers,

aldehydes, ketones, organic acids, as well as the aromatics and their derivatives. Lab work will be required.

Prerequisite: CP Chemistry  
Meets Daily/0.5 Credits

PhysicsApplied Physics

This course is not a college preparatory course.

CP Physics

Physics is the study of matter and energy and how they are related. Of necessity, it depends on mathematics for exploring these relationships. The subjects studied in the first semester are systems of measurement, vectors, force, velocity, acceleration, momentum, potential and kinetic energy. Second semester subjects are thermodynamics, wave motion, sound, light, electricity and magnetism. This course is offered for college bound students who are thinking of engineering or science majors. Lab work and homework will be collected and graded.

Prerequisite: CP Algebra 2

Meets 8 periods per cycle/1.4 credits

Honors Physics

This course is recommended for those whose college studies will be in engineering or the sciences. Lab work will be collected and graded. The subject matter covered is identical with CP Physics except the pace is faster and with a greater emphasis on the mathematical analysis. Lab work and homework will be collected and graded. Prerequisite: Precalculus or math teacher recommendation or approval of physics department.

Meets 8 periods per cycle/1.4 Credits

Advanced Placement Physics

This course provides a curriculum that offers students practical solutions to real world engineering problems using Science, Technology, Engineering, & Mathematics (STEM) initiatives. Students will explore many engineering and technology-based careers, which helps increase students' opportunities for success in college engineering & technology-based program degree programs. Students will apply, communicate, and participate in all aspects of the engineering design process through the utilization of problem solving skills, "hands-on" engineering projects, and technical writing. Students will also have the option of joining the local chapter of our Easton Area High School Technology Student Association (TSA).

Meets 9 periods per cycle/1.6 credits

“Ketchup left overnight on dinner plates has a longer half-life than radioactive waste.”  
Wes Smith.

(But there are those who claim Mr. Pavlik discovered this first!)

## SOCIAL STUDIES

It is the intent of the Social Studies Department that courses be practical, meaningful and geared toward reaching positive goals. To attain these goals, hard work and sincerity of interest on the part of the student are a must. Teachers expect and encourage student participation in all Social Studies courses.

Social Studies will always be an important part of everyone's life; therefore, teachers will emphasize the fact that each of us depends heavily on others in all walks of life. To emphasize this point, a key word that will be stressed in Social Studies courses is empathy - learning to put yourself in the other person's shoes.

Another major goal is to have students become knowledgeable about our political and economic system and to stimulate them to better "the system" when they feel it is failing.

9th GradeU.S. History I

This course is intended for the student who plans to enter the work force or a business/technical community college program directly from high school. U.S. History I covers the period of colonization through Reconstruction. Units covered include: Colonial America, The Struggle for American Independence, Building the New Nation, The Rise of Sectionalism, The Civil War and Reconstruction. This course is designed to actively build students' understanding of their country's past and present, knowledge that is vital to their growth as informed citizens and as successful problem solvers and decision makers in a democratic society.

Prerequisite: None  
Meets Daily/1 Credit

CP U.S. History I

This course is intended for the student who has expectations of attending a four-year college or university after high school. CP U.S. History I covers the period of colonization through Reconstruction. Units covered include: Colonial America, The Struggle for American Independence, Building the New

Nation, The Rise of Sectionalism, The Civil War and Reconstruction. Students taking this course should be prepared to be active participants both in and out of the classroom to develop those skills necessary to be successful in a college program.

Prerequisite: CP History 8; concurrent enrollment in CP English 9

This course is available to freshmen only  
Meets Daily/1 Credit

Honors U.S. History I

This course is intended for students who have plans of attending a four-year college or university after high school, as well as students interested in taking Advanced Placement American History in tenth grade. Honors U.S. History I covers the period of colonization through Reconstruction. Units covered include: Colonial America, The Struggle for American Independence, Building the New Nation, The Rise of Sectionalism, The Civil War and Reconstruction. Students selecting this course must be active participants in the classroom. They must be willing to take responsibility for work outside the classroom

such as: writing essays, positions papers, research projects and participation in various historical competitions. Students selecting this class should have a strong English background, since writing is an integral part of the course.

Prerequisite: Honors History 8; concurrent enrollment in Honors English 9, Honors application  
Meets Daily/1 Credit

10th GradeU.S. History II

This course covers the period from 1898 to the present. Topics covered will begin with the Spanish-American War, and include, World War I, the Roaring Twenties, the Great Depression, World War II, the Fifties, the Sixties and continue to the present. This course will provide the student with the general knowledge, important themes and problems of American History throughout the twentieth century. Different teaching techniques will be used, including cooperative learning, to cover the material. Students will learn to relate history to the present and current events will

also be discussed. Outside assignments will be given.

Prerequisite: U.S. History I; work-force-bound from high school; business/technical community college-bound  
Meets Daily/1 Credit

CP U.S. History II

This course will begin with the time period from 1898 to the present and is designed for the college bound student interested in a four-year university or college. The course will cover the rise of the United States in political, social and economic terms in the twentieth century beginning with the Spanish-American War and continue with such topics as the Roaring Twenties, the Great Depression, World War I and II and Post War America. This course will prepare the student for the college classroom and writing will be an integral part of this course. Different types of writing, such as the formal essay, will be assigned and students taking this course should be prepared to work outside of the classroom.

Prerequisite: CP History I; concurrent enrollment in CP American Literature; four-



## SOCIAL STUDIES CONTINUED

year university/college bound  
Meets Daily/1 Credits

Honors U.S. History II

This Honors course will examine United States history since 1898, and will do so in more detail than the College Prep level. Students choosing this level should have an interest in history and a desire to attend a four-year college or university. A major emphasis will be placed on writing and historical research, including primary source analysis. Writing assignments will be assigned on a regular basis and include different types of writing, such as the formal essay. Students selecting this course should have a strong English background, as writing is an important part of the class. The course will begin with the Spanish-American War and cover the major events in U.S. history in the twentieth century. Selecting this course will require the student to do a large amount of work outside the classroom, including research and projects. Prerequisite: Honors U.S. History I; concurrent enrollment in Honors American Literature; or teacher recommendation; Honors application Meets Daily/1 Credit

Advanced Placement U.S. History

The Advanced Placement Program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials – their relevance to a given interpretive problem, their reliability and their importance – and to weigh the evidence and interpretations presented in historical scholarship. An Advanced Placement United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Selecting an Advanced Placement course should depend upon a student's commitment and is designed to be the equivalent of a freshmen college course in a high school setting. It is recommended that a student have a very strong background in both Honors History and English.

This year-long challenge requires solid reading and writing skills and a willingness to spend considerable time outside the classroom, and requires frequent evaluations as well as extensive reading and essay writing. Students will also complete a summer assignment that will be due on the first day of class.

Prerequisite: Honors U.S. History I; Honors American Literature, Honors application Meets Daily/1 Credit

11th GradeWorld History

Exploring early Western Civilization will view the past by studying its relationship to the present as well as its impact on the future. Discussions of recent historical events and their impact will be a major focus of this course. As part of the learning experience, the following resources will be used: computers/Internet, popular movies, newspapers and magazines, television and news media, the library, documentary movies and cooperative learning groups. Traditional and non-traditional teaching techniques will be implemented that focus on learning by doing. Techniques will include , multi-media projects, topical research, oral presentations, argumentative writing and group discussions and debates.

Prerequisite: U.S. History I and U.S. History II Meets Daily/1 Credit

CP World History This college prep. Western Civilization course will begin with the study of the medieval period and continue to the contemporary world. Important social, economic, cultural and political developments in history will be discussed. Historical thinking skills that enable students to evaluate evidence, analyze content, interpret historical events and construct sound arguments will be emphasized. In addition to the primary focus of historical analysis, students will

be developing and applying skills which will prepare them for the college classroom. Students will be expected to use creativity in constructing original projects. Independent work, done outside the classroom, and students will demonstrate understanding of standards through classroom presentations. Prerequisite: CP U.S. History I and CP U.S. History II Meets Daily/1 Credit

Honors World History

This course combines a solid core of Western Civilization with an understanding of the micro and macro view of European History. Beginning with the Medieval period, students will explore the social, political, scientific/ technological, economic and cultural history of the emergence of the First Global Age, the Age of Revolutions and the Twentieth Century. A time-line approach will be studied each marking period which will instruct students in argumentative writing and debating, analytical reading and interpretation, critical thinking and comprehension.

Prerequisite: Honors U.S. History I and Honors U.S. History II Meets Daily/1 Credit

Advanced Placement European History

The objective of this course is to increase the

food, clothing, housing and consumer goods from a limited income. Other key topics of study and discussion will include production and consumption, supply and demand, employment, unions, wages, taxation, money and banking, the Federal Reserve System, the Nation's income, business and profit, the stock market and competition in the free and private enterprise system. Interaction among students is encouraged in this course.

Prerequisite: U.S. History I; U.S. History II and World History Meets Daily/1 Credit

CP History 12

CP History 12 students will study American Government and Economics (Macroeconomics). The government aspect of the course includes the three branches of government on the local, county, state and federal levels. Economics will include the study of scarcity, supply and demand, the price system, market structures, banking, business organizations, the Federal Reserve and labor unions.

Prerequisite: CP World History; concurrent enrollment in CP English 12 Meets Daily/1 credit

Honors History 12

This course content is the same as the previous

includes cooperative learning activities, research projects, oral and written reports, field trips and guest speakers. Research paper required.

Prerequisite: CP or Honors History 10, 11 or AP European

This course is available to juniors and seniors only Meets Daily/0.5 credits

CP Contemporary History (Elective)

This course will present to the students an opportunity to study history of the United States since World War II. Students will examine and discuss the major political, military, and societal events that shaped our time. This course is divided by decades starting with the 1950's to the modern day. Events covered will include the Cold War, Civil Rights Struggle, Kennedy Assassination, Vietnam War, Counterculture, Watergate, Iran Hostage Crisis, America's War on Drugs, American Relations in the Middle East, Desert Storm, September 11th, Recession of 2008, Election of 2008. Students will be able to explore the personalities and the administrations of the Presidents of the United States since 1950. A semester project will be assigned.

Prerequisite: Juniors or Seniors, concurrent enrollment in CP, Honors, or AP History and English classes.

Meets daily/0.5 credits

CP Psychology (Elective)

CP Psychology is an elective course designed to introduce the student to the basic concepts of psychology. The course will focus on research, biological factors, consciousness, learning, memory, personality, intelligence, human development, social interaction, psychological disorders and treatment. A goal of this course will be to have the students understand themselves and others.

Prerequisites: CP English and History

This course is available to juniors and seniors only. Meets Daily/1 credit

Advanced Placement Psychology (Elective)

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior of human beings and other animals. Students

will be exposed to many of the major topics incorporated in the field of psychology. The course will be rewarding experience for students with high interest in psychology and the willingness to accept the challenge of an Advanced Placement course. A summer assignment and portfolio will be required.

Prerequisites: Honors or AP English and History as well as Honors Application This course is available to juniors and seniors only. Meets Daily/1 credit

Sociology (Elective)

This is an introductory course for college bound juniors and seniors that will provide a general overview of the concepts of sociology. Students will study human behavior and the organization of society, and analyze how people's attitudes and behavior can affect society. Students will begin to understand their role in society and learn about various institutions that affect American culture. This course will encourage critical thinking skills, and students taking the course will be expected to participate in class regularly, complete all required reading, and hand in several reaction papers.

Prerequisite: CP level history and English. Meets Daily for 1 semester/0.5 credits

World Religions This academic course provides a comparative study of the world's major religions with a focus on Hinduism, Buddhism, Judaism, Christianity, and Islam. These religions will be studied from various perspectives including: literature, art, history, geography, and current events. This course will study the major religions but not sponsor the practice of any one religion.

Prerequisite: Gifted identification or Social Studies teacher recommendation. Meets three times/cycle for one semester/.25 credits.



student's understanding of European History with the goal of having each student pass the AP European History exam in May. The course is divided into two semesters, the Later Middle Ages through the French Revolution, and the Age of Napoleon to the present. The areas of concentration include historical, political, and economic history coupled with the intense study of cultural and intellectual institutions and their development. These areas will be studied from a variety of perspectives with the hope of providing a balanced view of history. This course is taught at the college level. The major difference between a high school and a college history course is the amount of reading and depth of focus. Moreover, the AP curriculum stresses a larger degree of higher order thinking skills within a rigorous academic context. Thus, the student will be required to frequently analyze, synthesize, and evaluate primary and secondary historical sources in addition to memorizing, comprehending, and applying facts.

Prerequisite: Honors U.S. History I and Honors U.S. History II or Advanced Placement U.S. History; teacher recommendation (preferably the AP U.S. History teacher), Honors application Meets daily/1 Credit

12th Grade

History 12 History 12 is required of all seniors at Easton Area High School. American Government emphasizes the study of the executive, legislative, and judicial branches of government on the local, county, state, and federal levels. The course is practical in nature in that it covers such topics as voter registration, voting procedures, court decisions, civil and criminal actions, juvenile rights, student rights and responsibilities, taxation and the constitutional rights of individuals in general. Economics studies the relationship between individual wants and scarce resources. Economics studies how best to satisfy one's many wants for

course description, but will be covered in greater detail. Requirements will include several projects, essays, and position papers. A research paper may be assigned.

Prerequisite: Honors World History; concurrent enrollment in Honors World Literature, Humanities or AP English, Honors application Meets Daily/1 credit

Advanced Placement U.S. Government and Politics

This course will give students an analytical perspective on government and politics in the United States. Students will become acquainted with various institutions, groups, beliefs and ideas that constitute U.S. politics. Some areas of focus will include Constitutional underpinnings of the United States Government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, as well as civil rights and liberties. There will be heavy emphasis placed on following and understanding current political events. In addition, students are required to complete two five-page research papers. The first is a biographical sketch of a current member of the House of Representatives and the second involves the observation of local government in action. Students who maintain at least a 75% average and make a good faith effort to complete the AP exam are exempt from a final exam.

Prerequisite: Honors or Advanced Placement U.S. History; Honors or Advanced Placement European History; concurrent enrollment in Honors or Advanced Placement English, Honors application Meets Daily/1 credit Grades 11,12

Minorities in American History

Minorities history will provide an appreciation of the life, culture and contributions of the people of many cultural backgrounds which make up the United States. This course

# TECHNOLOGY EDUCATION

Technology Education is that part of general education which is designed specifically to help prepare any student to meet the requirements of an industrial/technological society. Students learn through individual and group participation in activities to which they use tools, machines, materials, and processes as well as English, Science, Mathematics, and the Social Sciences in solving meaningful problems.

## 9th Grade

### Applied Technology

This course will provide students with an experience in five areas of the Tech Ed program. Students will spend approximately 33 days in each of the following areas: Drafting, graphic communications, manufacturing, problem-solving & energy, power and transportation. This course will provide an excellent foundation for students planning to take additional courses in Technology Education. The course provides a variety of hands-on activities which encourage students to develop good work habits and problem-solving skills. Safety procedures will be taught and emphasized. Students will complete a portfolio representing all work completed during the course.

Prerequisite: None  
Meets daily / 1 credit

## Grades 10,11,12

### Graphic Communications 1

This course is designed to provide a fundamental understanding of graphic communications processes. The course begins with an introduction to desktop publishing and its role in the graphic communications industry. The main software programs utilized in the course will be Adobe InDesign, Adobe PhotoShop and iMovie. Various production processes will be introduced as well. They include screen process printing and digital duplicating (Risograph). The course is hands-on and project oriented.

Prerequisite: None  
Meets daily/0.5 credits

### Graphic Communications 2

This course will build upon the instruction and skills that were gained in Graphic Communications I. Students will learn more advanced features and applications of Adobe InDesign and Adobe PhotoShop, iMovie and iDVD. Students will learn how to produce their own DVDs featuring menus and full color covers. Other advanced graphics processes which will be covered include cereal box design, digital photography and vinyl graphics technology. The course is hands-on and project oriented.

Prerequisite: 80% or better in Graphics I  
Meets daily/0.5 credits

### Graphic Communications 3

This course is designed to offer students an in-depth study of the graphic communications industry. While in a simulated business environment, students will be involved in a variety of learning experiences. A mock company (Rover Graphics) serves the Easton Area High School community. Group projects will be used extensively. Students will layout, design and produce a variety of printing jobs including tickets and programs for school activities, letterhead, business cards, brochures, etc. The course is hands-on and project oriented.

Prerequisite: 80% or better Graphics 1 and Graphics 2  
Meets daily/0.5 credits

Manufacturing and Construction 1 This is a course in general residential construction that focuses on the home framing techniques and exterior finishing practices. The course is designed in units of study that include, machinery and tool use, job safety, building layout and design surveying, framing carpentry, electrical, roofing and finish carpentry. The course is designed to help those students who are interested in the building trades, as well as the future homeowner in decisions for vocational and avocational pursuits. Projects include small frame structures, cabinets and independent study construction projects. Students will be evaluated on their individual assignments as well as their participation in-group activities.

Prerequisite: None  
Meets daily/0.5 credits

Manufacturing and Construction I. This is a second level course in the study of the construction and manufacturing processes. It will include advanced studies in building practices and home design and maintenance. The course will emphasize fine woodworking and cabinetry techniques.

Prerequisite: 80% or better in Manuf. and Construction I  
Meets daily/0.5 credits

### Manufacturing and Construction 3

This course is designed to offer the Technology Education student an even greater understanding of the woodworking and construction industries. Students will be involved in construction projects on campus, visit construction sites throughout the area and become familiar with occupations in the construction field. Students will complete a required advanced level woodworking project, and independent project and duplicate turnings on the wood lathe.

Prerequisite: 80% or better in Manufacturing and Construction II  
Meets daily/0.5 credits

### Manufacturing and Construction Systems

This course is oriented to the Tech Prep Manufacturing/Construction student. It is a year long two period per day class. Students will be exploring in depth the field of construction and manufacturing. The course offers the student interested in pursuing a career in the construction field the opportunity to use the materials, processes, and machinery associated with the field.

Prerequisite: Tech Prep Pathway completed junior year and teacher recommendation.  
Meets daily/ 2 credits

### Drafting and Design 1

This course will concentrate on the specialized fields of drafting and design. The course will include units focusing on: geometric construction, engineering drawing and architecture. The students will interpret and solve mechanical design problems as well as design a complete set of detailed house plans. Students will also produce drawings using CAD (Computer Aided Design) software.

Prerequisite: None  
Meets daily/1 Credit

### Honors Drafting and Design 1

This course is designed for the student whose post high school plans include the study or employment in all fields of engineering, architecture, drafting or interior design. The course will include: advanced geometric construction, engineering drawing applications, Auto CAD drafting techniques and complete detailed architectural house plans. The student will learn problem-solving techniques encountered in the specialized fields of drafting and design.

Prerequisite: Algebra I and Geometry or recommendation from instructor  
Meets daily/1 credit

### Honors Drafting and Design 2

This course is an extension of Drafting & Design I with emphasis on the Autodesk Design Academy software package. AutoCAD, Autodesk Inventor, & Revit Architecture are the software programs that students will be using. The students will study advance methods, processes, and techniques used in engineering drawing and architecture. Students will also have the option of joining the local chapter of our Easton Area High School Technology Student Association (TSA).

### Photography

Photography is an introductory course in the field of photography. Students who sign up for this semester class MUST HAVE TWO CAMERAS, A 35 MM SLR FILM CAMERA AND A DIGITAL CAMERA. The course covers both traditional black and white photo processes like film developing and darkroom procedures as well as digital imaging. The course is designed for students who enjoy taking pictures and want to learn how to

take better pictures. This course is also recommended for students who are interested in a career in the field of photography.

Prerequisite: None  
This course is available to juniors and seniors only  
Meets daily/0.5 credits

### Energy, Power and Transportation 1

In this course students will explore applications of energy and power conservation devices and systems, along with the transportation of goods and services. The class will gain insight into various modes of transportation and the use of energy through the study of basic electricity, magnetic levitation, flight principles, Lego Dacta equipment, and solar vehicles. These technologies are extremely vital to today's world, and students in this class will design solutions to various problems in order to realize the impact these technologies have on modern society.

Prerequisite: None  
Meets daily/ .5 credit

### Energy, Power and Transportation 2

In Energy, power and transportation 2, students will build onto the knowledge they have previously learned in the first level course. Students will explore more complex applications in the fields of energy, power and transportation technologies. Through the exploration of different technologies such as aircraft carrier design, torque gearing, hot air balloons and hovercraft technology, students will design intricate solutions for the given design problem. The course will also conduct a cost benefit analysis on some of the technologies we study to decide if they are cost effective in their current applications.

Prerequisite: 80% or better in EPT 1  
Meets daily/ .5 credit

Energy, Power, and Transportation 3  
This course is an analysis of the development of technology and its impact on humans; more specifically, the realization of the importance of human technological behavior on the environment, social/cultural systems and the future. Students will complete complex problems for individual competitions.

Prereq: Energy, Power, and Transportation I & II with an 80% or better and teacher recommendation.  
Meets daily/ 1 credit

### Introduction to Engineering

This course provides a curriculum that offers students practical solutions to real world engineering problems using Science, Technology, Engineering, & Mathematics (STEM) initiatives. Students will explore many engineering and technology-based careers, which helps increase students' opportunities for success in college engineering & technology-based program degree programs. Students will apply, communicate, and participate in all aspects of the engineering design process through the utilization of problem solving skills, "hands-on" engineering projects, and technical writing. Students will also have the option of joining the local chapter of our Easton Area High School Technology Student Association (TSA).

Meets daily/ 2 credits

## ARCHITECTURE/ENGINEERING/ DRAFTING TECH PREP PATHWAY GRADES 11-12

**NOTE:** Drafting & Design I should be taken in 10<sup>th</sup> grade in order for a student wishing to enter into the Tech Prep Pathway

**GRADE 11:**  
Required Course: 1 credit  
DRAFTING & DESIGN II

### Electives: select 2 credits

\*MANUFACTURING I OR II .5 credit  
ENERGY, POWER & TRANSPORTATION I OR II .5 credit  
GRAPHICS I OR II .5 credit  
INTERIOR DESIGN .5 credit  
DIMENSIONAL DESIGN .5 credit  
INTRO TO BUSINESS 1 credit  
BUSINESS LAW 1 credit  
VISUAL BASIC 1 credit

**\*PREREQUISITE:** Manufacturing I must be taken in 11<sup>th</sup> grade

**GRADE 12:**  
Required Course: 2 credits  
INTRODUCTION TO ENGINEERING

### Electives: select 1 credit

MANUFACTURING II .5 credit  
ENERGY, POWER & TRANSPORTATION I OR II .5 credit  
ENERGY, POWER & TRANSPORTATION III .5 credit  
GRAPHICS I, II, OR III .5 credit  
INTERIOR DESIGN .5 credit  
DIMENSIONAL DESIGN .5 credit  
INTRO TO BUSINESS .5 credit  
BUSINESS LAW 1 credit  
VISUAL BASIC 1 credit  
HNRS STATISTICS 1 credit

## MANUFACTURING/CONSTRUCTION GRADES 11-12 TECH PREP PATHWAY

**NOTE:** MANUFACTURING/CONSTRUCTION I MUST BE TAKEN IN 10<sup>TH</sup> GRADE IN ORDER TO BE A GRADUATE IN THE TECH-PREP PATHWAY.

**GRADE 11:**  
REQUIRED COURSE:  
DRAFTING & DESIGN I, 1 credit  
MANUFACTURING/CONSTRUCTION II, .5 credit  
MANUFACTURING/CONSTRUCTION III, .5 credit

**ELECTIVES: MUST SELECT 1 credit**  
ENERGY, POWER & TRANSPORTATION I OR II, 5 credit  
GRAPHICS I OR II, .5 credit  
INTERIOR DESIGN, .5 credit  
DIMENSIONAL DESIGN, .5 credit

**GRADE 12:**  
REQUIRED COURSE:  
CONSTRUCTION SYSTEMS, 2 credits

**ELECTIVES: MUST SELECT 1 credit**  
ENERGY, POWER & TRANSPORTATION I OR II, .5 credit  
ENERGY, POWER & TRANSPORTATION III, 1 credit  
GRAPHICS I, II, OR III, .5 credit  
INTERIOR DESIGN, .5 credit  
DIMENSIONAL DESIGN, .5 credit

## WORLD LANGUAGES

Why learn another language? The world is full of languages. Knowing other languages brings opportunities. Research has shown that math and verbal SAT scores climb higher with each additional year of foreign language study. Furthermore, studying a foreign language, can improve your analytical and interpretative capacities. Easton Area High School will educate students who are linguistically and culturally equipped to communicate successfully in a pluralistic American society and abroad. This imperative envisions a future in which ALL students will develop and maintain proficiency in English and at least one other language, modern or classical. Students who come to school from non-English backgrounds will also have opportunities to develop further proficiencies in their first language. Studying World Languages at Easton Area High School will empower you to:

1. Communicate in Languages Other Than English
2. Gain Knowledge and Understanding of Other Cultures
3. Connect with Other Disciplines and Acquire Information
4. Develop Insight into the Nature of Language and Culture
5. Participate in Multilingual Communities at Home and Around the World

What can you expect? Students at Easton Area High School will learn a second language in exciting new ways integrating into their learning process the latest interactive technology and focusing on reading, speaking, writing and learning how to function in another culture and a new community from the inside out.

### All Students

#### French 1

This is a basic French course with emphasis on oral and aural skills along with simple reading and written exercises based on elementary grammar. The course also includes an introduction to French civilization.  
Prerequisite: None  
Meets daily/1 credit

French 2 This course continues the practice of basic language skills of listening and speaking introduced in French 1, new grammar concepts and the continuation of the study of French culture.  
Prerequisite: French 1  
Meets daily/1 credit

#### French 3

This course is the completion of the study of basic grammar and reading and writing exercises designed to increase the student's vocabulary and efficiency in self-expression. Aural/oral proficiency continues to be emphasized as the goal of language learning.  
Prerequisite: French 2  
Meets daily/1 credit

#### Honors French 4

In this course the student will be introduced to some French literary styles through the reading of several short stories. Development of aural and oral skills is continued through questions and answers, and discussion on films and videos. Students will learn French history through group presentations. Mastery of more sophisticated grammar structures is refined through selected lessons from a workbook.  
Prerequisite: French 3  
Meets daily/1 credit

#### Honors French 5

This course is a study of selected masterpieces of French literature, directed writing to improve the student's ability to express himself and review of the major grammatical structures. In this course the student will also have the opportunity to view excerpts of programming taken from French television and a full-length feature film. This will familiarize the student with current events, conversational language versus formal language and the pronunciation and intonation of a variety of native speakers. Students are encouraged, as much as possible, to converse entirely in French.  
Prerequisite: French 4  
Meets daily/1 credit

#### Advanced Placement French Language

The Advanced Placement course is the culmination of several years of study. It seeks to develop and refine skills that have been acquired over a student's entire school career. The students are expected to be able to understand, speak, read and write French at the third-year college level. Since the course is focused on the mastery of language skills rather than the content of specific texts, the design and content of the course will vary somewhat from year to year to reflect the needs of particular students.  
Prerequisite: French 4 and teacher recommendation  
Meets daily/1 credit

#### German 1

The student is trained to comprehend

speaking, reading, writing and translating basic German. German culture is also presented through videos, readings and lectures about the culture and the customs of the German-speaking countries.  
Prerequisite: None  
Meets daily/1 credit

#### German 2

Skills acquired in German 1 are thoroughly reviewed and expanded. The inflection structure of German is presented in greater

depth and clarity. Vocabulary is taught in the context of reading, writing, translating and speaking German. German culture is presented through videos, readings and lectures about the history and customs of the German-speaking countries.  
Prerequisite: Successful completion of German 1 or approval of the German teacher  
Meets daily/1 credit

#### Advanced Placement German 5

This course is designed to prepare students for the advanced placement exam in the spring. Several examples of each portion of the exam will be extensively reviewed and practiced.

This course seeks to improve writing, reading and speaking skills with an emphasis on composition dealing with specific topics. Students are encouraged to communicate in the language, master conversational patterns and develop self-expression by using all major grammatical points, subjunctive mode inclusive.  
Prerequisite: Italian 2  
Meets Daily/1 Credit

#### Honors Italian 4

This course is a refinement of previous skills and covers the final chapters of grammar, again with an emphasis on reading and speaking. Particular attention will be paid to writing descriptive and creative paragraphs. A survey of major 20th century artistic and literary figures and their contributions will be presented.  
Prerequisite: Italian 3  
Meets daily/1 credit

#### AP Italian Language and Culture

AP Italian language and culture is a one year course that meets five times per week. It is designed for students with four years of Italian and/or students who do exceptionally well in Italian third year and want to advance to AP Italian by taking the Italian 4 final exam. AP Italian concentrates on reviewing all verb conjugations and a few other critical grammar points in order to proceed to writing, reading, listening and discussion original passages, articles and materials from Internet sites to master Italian everyday life, history, geography, art, film and Opera.  
Prerequisite: Italian 4  
Meets daily/1 credit

#### Honors Masterpieces of Italian Literature

This course requires the student to read ten works by important Italian authors from the 1200's to the 1900's in their entirety or selections. Ten short critical and informational papers must be written in Italian after each author is read and discussed.  
Prerequisite: Italian 5  
Meets daily/1 credit

#### Latin 1

Latin 1 is an introduction to the study of the Latin language. Students begin building a basic vocabulary, and become acquainted with grammar and morphology sufficient to read and construe simple Latin sentences and connected prose. There is an emphasis on our Roman heritage and the value of Latin in our modern world. Roman history, culture and mythology are included in the lessons throughout the year.  
Prerequisite: None  
Meets daily/1 credit

#### Latin 2

Latin 2 continues the introduction to the Latin language begun in Latin 1. Students will continue to build their vocabulary base, and will be able to develop a more complete knowledge of grammar and morphology, including five noun declensions, an all six verb tenses, active and passive voice, and pronouns. Roman history, culture



depth and clarity. Vocabulary is taught in the context of reading, writing, translating and speaking German. German culture is presented through videos, readings and lectures about the history and customs of the German-speaking countries.  
Prerequisite: Successful completion of German 1 or approval of the German teacher  
Meets daily/1 credit

#### German 3

All skills acquired in German 1 and 2 will be reinforced. Upon completing the course the student should be proficient in the use of most verb tenses and adjective endings. German culture is presented through videos, readings and lectures about the history and customs of the German-speaking countries.  
Prerequisite: Successful completion of German 2 or approval of the German teacher  
Meets daily/1 credit

#### Honors German 4

In this course, students will finish any major grammar structures and work on any groundwork needed to fully communicate in the German language. Students will expand their knowledge of the German language through the use of authentic materials such as newspapers, magazines, and movies. Use of the internet will give the students the opportunity to experience the culture by watching news reports and visiting various

Major focuses are reading, writing, speaking, and listening in the German language through conversations, current readings, grammatical exercises, directed response question and answer, and essay writing. Students are not required to take the exam in order to be in this course, but are highly encouraged, as it is equivalent of a third year college language course.  
Prerequisite: Successful completion of German 4 and approval of the German teacher  
Meets daily/1 credit

Italian I This course is an introduction to basic grammatical structures through dialogues, simple readings and written exercises. Emphasis of the course is to train students to listen, to comprehend and speak the language, as well as write correctly. Basic information about the country, food, cities and holidays.  
Prerequisite: None  
Meets daily/1 credit

#### Italian 2

This course is a continuation of the basic skills of listening, comprehension, speaking, new grammatical structures with emphasis on building vocabulary, introduction to basic writing and various cultural aspects.  
Prerequisite: Italian I  
Meets daily/1 credit

#### Italian 3

## WORLD LANGUAGE CONTINUED

and mythology are included in the lessons throughout the year.  
Prerequisite: Latin 1  
Meets daily/1 credit

Honors Latin 3

In Latin 3 students will develop their skills at reading and understanding Latin by reading selections from a wide assortment of ancient prose authors, including Cicero, Caesar, Petronius, Seneca, et alii. They will complete their introduction to Latin grammar by learning the more complicated grammatical and syntactical constructions necessary for reading genuine Latin literature. Roman history and culture, especially as relevant to the writers studied, will also be covered.  
Prerequisite: Latin 2  
Meets daily/ 1 credit

Honors Latin 4

Latin 4 is an introduction to the study of Latin poetry. Students hone their ability to read and translate Latin by reading poetry selected from the three major Latin poets: Ovid, Horace, and Catullus. They are introduced to various aspects of Latin poetry, such as meter, poetic techniques, and figures of speech, and will also study the cultural background appropriate to better appreciate these poets.  
Prerequisite: Latin 3  
Meets daily/ 1 credit

AP Latin: Vergil

AP Latin is an intensive study of the Roman national epic, the *Aeneid*, by the poet Vergil. Students will learn to read, translate, analyze, and discuss the Latin poetry of Vergil. All selections required by the College Board AP exam syllabus will be read and discussed, and for context, students will also read the entire *Aeneid* in English. Figures of speech, ancient meters, and other issues necessary for a proper appreciation of Vergil's poetry will be reviewed. Students will also study various historical and cultural issues relevant to understanding the context of the *Aeneid*.  
Prerequisite: Latin 4, or permission from the instructor  
Meets daily/ 1 credit

Spanish 1

Spanish 1 is a beginning course of language basics. It lays the groundwork for understanding Spanish by presenting situations similar to those the student could expect to encounter when visiting a Spanish-speaking country. Major emphasis is placed on pronunciation and listening comprehension. A strong foundation of vocabulary and grammar is built to help develop the reading and writing skills that are emphasized on the more advanced levels of the program. Cultural awareness is strongly encouraged.  
Prerequisite: None  
Meets daily/1 credit

Spanish 2

Spanish 2 is an intermediate course of

language basics. Major emphasis is placed on the continued development of correct pronunciation and listening comprehension. Reading and writing skills are practiced at length, and functional ability is expected before students move on to the next level of the program. Cultural opportunities are abundant.

Prerequisite: Spanish 1 and department's approval  
Meets daily/1 credit

Spanish 3

Spanish 3 is the most advanced course of language basics. The grammar concepts of previous levels are reviewed and reinforced. Varied high interest topics are used to expand vocabulary and polish translation practice. Competency reading and writing assignments is assumed, and well-developed, grammatically accurate and creative writing assignments are expected each week. The development of cultural awareness is an integral part of the program.

Prerequisite: Spanish 2 and department approval  
Meets daily/1 credit

Honors Spanish 4 – Latin Am. Study

Latin American Studies offers an interdisciplinary approach to learning about the cultures and societies of the Caribbean, Latin America and Latino USA. This course features high interest topics, an effective and uniquely sequenced review of selected grammatical points, and a thorough integration of language and culture. Unit topics reflect issues of interest and concern to today's juniors and seniors high school students, providing them with many opportunities to make connections with what they're discussing in other courses. In each unit the student synthesizes the development of language skills and cultural awareness through the active use of art, music, video and literature from the Spanish-speaking world. Activities are designed to foster involvement, debate, participation, and exchange in discussion and compositions. Active, personalized, and real communication about authentic issues and experiences is at the heart of this course.

Prerequisites: Spanish 3 or approval from the instructor.  
Meets daily/1 credit

Honors Spanish 5 – Iberian Study

Spanish 5 is a survey of cultural elements of contemporary Spain and past civilizations of the Iberian peninsula. The course also builds on students' ability to communicate in Spanish in oral and written contexts. Music, art, literature, and political history of Spain are topics of study for this course. Areas of special interest include flamenco; Roman, Islamic, medieval, and renaissance influences in Spain's history; the art of El Greco, Velázquez, Picasso, and Dalí; Golden Age literature including Don Quixote; and in-depth studies

of the different regions of Spain.

Prerequisite: Spanish 3 and teacher's approval  
Meets daily/1 credit

Advanced Placement Spanish Language

This course emphasizes the use of language for active communication and has the following objectives: the ability to understand spoken Spanish in both formal and conversational situations; the development of vocabulary sufficient for reading newspaper and magazine articles, contemporary literature and other non-technical writings; and the ability to express ideas accurately and resourcefully both orally and in writing. The Advanced Placement exam, which tests all of the above skills, will be reinforced. Course content includes the arts, current events, sports, the environment and literary works. Materials may include recordings, videos, films, newspapers and magazines.

Prerequisite: Spanish 4 or Spanish 5; open to students who excel and show a keen interest in Spanish  
Meets daily/1 credit

Advanced Placement Spanish Literature

This is a two-semester course intended to be the equivalent of a third-year college level "Introduction to Spanish Literature" course. The objective of the Advanced Placement course is to prepare students for taking the Advanced Placement Test in Spanish Literature. Students will learn to develop a high degree of competence in language skills and in the interpretation of literature. Students are required to read, analyze and discuss in writing a wide variety of representative works from three major genres: narrative, poetry, and theater, using the appropriate terminology and applying the different tools of literary criticism. In this context, students will do a close reading of all the required readings from the AP Spanish Literature Exam issued by the College Board. The readings include authors from the Middle Ages to the Golden Age and nineteenth century to more contemporary writers such as García Márquez and Isabel Allende.

Prerequisites: Honors Spanish or teacher recommendation is needed.  
Meets daily/1 credit

Japanese 1

In this course students will begin their exploration of Japanese culture and acquisition of the Japanese language. Students will study the three scripts, and by the end of the first year will read and write hiragana (phonetic) and katakana (phonetic). Students will also recognize a few kanji (ideographic) characters. In addition students will learn to converse, read, and write about topics such as personal information, transportation, school, sports and other free-time activities. The instructor will use multi-media presentations and real Japanese materials including books, comics, animation, and movies to give the students

a sense of the richness of classic and modern Japanese culture.  
Open to grades 9–12.  
Meets daily/ 1 credit

Japanese 2

In the second year, students will expand their knowledge of the Japanese writing system to include more kanji characters. Topics will include ordering Japanese foods and reading recipes, Japanese homes, Japanese holidays, and giving locations and directions. The instructor will use multi-media presentations and real Japanese materials including books, comics, animation, and movies to give the students a sense of the richness of classic and modern Japanese culture.  
Prerequisite: Japanese 1  
Meets daily/ 1 credit

Japanese 3

In the third year, students will learn how to speak the informal Japanese spoken among friends and family in Japan. Topics will include cities in Japan, school rules, driving in Japan, restaurants, illness, and jobs. Students will learn still more kanji. This course may be taken for college credit.

Prerequisite: Japanese 2  
Meets daily/ 1 credit

Japanese 4

In the fourth year, students will expand their grasp of informal Japanese and kanji characters. They will learn how to make comparisons, give directions and read recipes. Topics will include shopping, Japanese folktales, sports, plays, and Mother's Day. This course may be taken for college credit.  
Prerequisite: Japanese 3  
Meets daily/ 1 credit

Russian 1

This is an introductory course to Russian. The student will begin to develop a functional competency in the four primary language areas: speaking, reading, listening, and writing while establishing a solid grammatical base and exploration into Russian culture and history. By the end of the first year, students will have a basic conversation in Russian, have a strong foundation for reading in Russian, know the different sounds of the Russian alphabet and be able to write Russian correctly both in print and script; and also be able to read and comprehend basic Russian texts. This course is only open to sophomores juniors or seniors.  
Meets daily/ 1 credit

In an increasingly shrinking world, the study of languages becomes vital to the business people and travellers of the future. At EAHS not only are we exploring our world through language, but we are helping to expose our newly arrived students to the culture and languages of the United States.

## COOPERATIVE EDUCATION

Grades 11,12

Diversified Occupations

The Diversified Occupations Educational Program is designed to combine classroom instruction with on the job training in a career area of the student's choice. This program integrates classroom study in careers, employability and consumer skills with planned, supervised, practical work experience. A student must work a minimum of 3 days/shifts and 15 hours per week in a job where the employer adheres to all federal and state regulations regarding Child Labor Laws, Minimum Wage and Overtime Laws, and Worker's Compensation Laws. Students under 18 years of age must have valid working papers. Students are responsible for transportation between school and work. Maintaining employment and class attendance are essential to successful completion of the course requirements. Students must be in good standing with regards to grades, attendance, and discipline in order to register for Diversified Occupations.

Year Course

Prerequisite: Juniors and Seniors only

Meets Daily/1, 2, or 3 credits depending on hours of employment

# CAREER INSTITUTE OF TECHNOLOGY

Career Institute of Technology is an extension of Easton Area High School. Therefore, the number of programs being offered there enables an increase in the number of course selections for our students. Students who select the career programs may do so for a period of one, two or three years in tenth, eleventh and/or twelfth grades. Special circumstances enable students in ninth grade to attend. All programs provide instruction during a half-day schedule.

Career programs are designed to help students acquire the skills, knowledge and attitudes needed to secure employment. Although many of the students who take a career program will enter the world of work upon graduation, approximately fifty percent of the program completers seek higher education. This is possible with advanced planning and by carefully balancing course selections. CIT has advanced placement agreements with colleges and technical and trade schools that qualify as tech prep programs. The quality and quantity of what is learned is determined by the time and effort applied. The length of enrollment should be determined by career goals.

Students are encouraged to research their career plans by reading related information and reviewing and discussing their plans with counselors and parents. Brochures, program pamphlets, applications, curriculum outlines, placement studies, and lists of competencies are available for review in the guidance office. Student visitations are encouraged for students to see the actual class and lab atmosphere and course content in action.

The basic clusters with their related programs are listed below:

#### **Arts and Humanities:**

CAD/Engineering Graphics

#### **Business and Communications:**

Information Systems Technology  
Marketing and Advertising Technologies

#### **Engineering and Industrial:**

Automotive Collision & Refinishing Technology  
Automotive Technology  
Building Trades Cluster Program  
Building Construction Technology  
Electrical Occupations Technology  
Electronics Technology  
Groundskeeping & Building Maintenance  
Heating, Ventilation, Refrigeration & Plumbing  
Machine Tool Technology  
Masonry  
Welding Technology

#### **Health and Human Services:**

Cosmetology  
Culinary Arts  
Health Related Technology  
Hospitality and Lodging  
Occupational Child Care  
Protective Services

#### **Programs of Study (College Level for High School Work)**

Programs of Study are statewide curriculum approved by the Pennsylvania Department of Education that allow students in High school career and technical programs to seamlessly continue their education in a related Program of Study on the College level. Upon successful completion of the high school program, students will be awarded at least nine (9) college-level credits. The following programs have achieved the Programs of Study status at CIT:

Automotive Technology  
Automotive Collision & Refinishing  
Building Construction Technology  
CAD & Engineering Graphics  
Electronics  
Electrical Occupations Technology  
Health Related Technology  
Heating Ventilation Air Conditioning & Plumbing  
Hospitality and Lodging  
Machine Tool Technology  
Marketing and Advertising Technologies  
Occupational Childcare  
Welding Technology

Contact CIT Student Services Office for a list of colleges in PA that accept Programs of Study and provide credit to program completers.

#### **Tech Prep**

Tech Prep programs also have individual articulation agreements with local colleges. The number of credits that a student can receive varies between programs and colleges.

The following programs are approved as Tech Prep:

\*Protective Services  
\*Culinary Arts  
Information Systems Technology

#### **Occupational Programs**

Occupational programs are designed to prepare the student for a career. This does not preclude continuing education, although at this time there are no articulation agreements with colleges:

Cosmetology  
\*Groundskeeping and Building Maintenance  
\*Masonry

\*These programs may be developed as Programs of Study for the 2010-11 school year.

#### **Programs are available for 10<sup>th</sup>, 11<sup>th</sup>, & 12<sup>th</sup> grade students**

#### **Automotive Collision and Refinishing Technology**

Students in this program learn all phases of repair and refinishing work necessary to restore a damaged automobile based on I-CAR National Standards. Major and minor collision repair skills taught include use of auto body tools, removing and replacing body parts, frame and body straightening, welding, body work preparation, spray painting, air brushing and estimating repair costs.

#### **Automotive Technology**

This program teaches students marketable skills in automotive repairs, which are based on NATEF National Standards. Program components will include, work safety, hand tools, suspension and steering, brakes, engines, engine performance, transmissions, electrical and air conditioning. Students will have access to the latest computerized equipment for automotive diagnosis and repairs. Students will be able to participate in shadowing, internships and apprenticeships at automotive dealerships through the A-YES Program.

**CIT CONTINUED****Building Construction Technology**

The Building Construction Technology Program addresses the technological advances in the construction industry and the training of future employees in the application of necessary skills and techniques. This is accomplished by up-to-date instruction in equipment, methods and materials used in residential and light commercial construction. Included are permit requirements, blue print reading, site clearing, site layout, foundations, framing (steel and wood), insulation, sheathing, roofing, windows and doors, exterior and interior finish and cabinet construction and installation. Special emphasis is placed on safety and the use of modern tools, materials, along with engineered prefabricated components. Both model construction and live work are used to provide students with hands on experience. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**Building Trades Cluster Program**

This program offers introductory skills needed to build and maintain residential buildings and equipment. Students entering this program spend one semester in each of the Construction Related areas gaining a working knowledge of Building Construction, Plumbing and Heating, Electrical and Masonry and are given the option of spending a third year to specialize in one of the program areas. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**CAD and Engineering Graphics**

Students enrolled in CAD develop marketable job skills in Computer Aided Design (CAD). They may seek employment under the supervision of an architect or a mechanical or civil engineer. Students use the latest technology in CAD to develop skills common to all drafting specialties. The student has the opportunity to demonstrate skills such as how to make orthographic projections, assembly and presentation drawings. Through field trips, presentations and research, students become aware of career opportunities, wages and working conditions. In the third year of this program, students will have the opportunity to specialize in Mechanical or Architectural Design. After graduation, the student may enter the work force or become a full time student. To enhance employment opportunities after graduation, students should continue their education in a post-secondary school. Several colleges, upon review and approval, accept portfolios for advanced placement.

**Cosmetology**

After completing the 1250 hours of instruction provided through this program, students will be prepared to take the Pennsylvania State Board of Cosmetology Examination which, when passed, certifies them to be Licensed Cosmetologists. Units of instruction include anatomy, physiology, facial treatment, manicuring and the coloring, cutting and styling of hair. Students gain practical experience through the services they provide to clients in our on-site Clinic Department.

**Culinary Arts**

Culinary Arts students spend their days working in the actual production setting of a restaurant and cafeteria. They prepare and serve the food and beverages at in-school functions such as breakfasts and luncheons, provide the refreshments needed for meetings and cater special events such as school banquets. Through this hands-on approach, the students obtain marketable job skills necessary to get and keep a job in the food service industry. Special emphasis is given to the development of both a strong work ethic and teamwork skills. Students who complete the program may continue to work and advance within the industry or may choose to pursue further education at a culinary school. The present and future outlook for the availability of job opportunities within this field, especially for people skilled in the culinary arts, is outstanding!

**Electrical Occupations Technology**

The Electrical Program provides students with the marketable skills and knowledge needed to pursue employment in the electrical field or advanced training at a technical school or college. Students gain a working knowledge of basic electrical theory, circuits, wiring, maintenance and installation of motors and blueprint reading and the emerging field of telecommunications cabling technology. The National, State and Local Electrical Codes, along with the tools and equipment as it pertains to the electrical trade, are studied and used. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**Electronics Technology**

Students in this course learn and develop marketable job skills for employment as electronics technicians. Utilizing lab assignments, electronic experiments, testing instruments and mathematics as it relates to electronic theory, students gain knowledge of all integral components of Electronics. The practical experience gained through troubleshooting and repairing electrical devices such as radios, car stereos, televisions, VCR's, microprocessors, and computer networks will be emphasized. Students also have an opportunity to obtain A+ computer hardware maintenance certification. To enhance employment opportunities, students should continue their education at a post-secondary technical school or college. Several community colleges currently have articulation agreements to accept the CIT electronics program of study as a credited course at their schools. This placement saves the student time and money when starting college to pursue a career in electronics or engineering.

**Groundskeeping and Building Maintenance**

The Groundskeeping and Building Maintenance program is intended for the training and placement of students for employment in a variety of related occupations. Because training activities occur in an integrated setting throughout CIT, students are exposed to a working environment with students and staff of the school. The program emphasizes the learning of specific skills such as the use and care of hand and power equipment concerned with all phases of the care and cleaning of buildings and grounds. Instruction is also provided in work environment safety, job seeking/keeping skills, cleaning/maintenance services and characteristics of various cleaning agents and protective coatings, sanitation and disinfectants. Real job experiences are a necessary step in the sequence to independence. The students benefit from a practical instructional approach which provides opportunities to learn by doing, first within the lab, then in actual work settings. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**Health Related Technology**

This program provides students with opportunities for health careers exploration and/or preparation for health related college programs. Marketable skill training is available for entry into a variety of health care careers including nursing, medical, recreation or activities assisting. Students participate in a variety of learning experiences – both in the classroom and outside the school. Our on-site adult day care center provides students with practical instruction and experience in adult day care procedures and therapeutic recreation. Units of instruction include first aid, medical terminology, growth and development, gerontology awareness, nutrition, and home health aide. Medical assisting is also a component of Health Related Technology. Students will learn entry level skills in management of an office, appointment scheduling, and telephone techniques. Students will have the opportunity to perform both clinical and clerical skills.

**Heating, Ventilation, Refrigeration and Plumbing**

This course is designed to prepare students for employment in residential and commercial air conditioning, refrigeration and heating trades in addition to preparing them for post-secondary college opportunities. Students study the theory, construction and repair of gas and oil burners, component parts, and water and air systems. Students are also taught plumbing basics as they relate to the HVACR trades and residential construction. Using tools and test instruments, forming sheet metal and materials, job and material estimating and learning how to read and follow blueprints and building code requirements are skills developed through this course. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**Information Systems Technology**

Information Systems Technology provides students with marketable computer skills in a theory and hands-on, project driven learning environment. Students will use state-of-the-art personal computers in a server-based environment to prepare for a career in Information Systems Technology. Each student will be exposed to programming, applications software, networking technologies, hardware maintenance and operating system fundamentals. The opportunity to learn and prepare for certification exams in MOS (Microsoft Office Specialist), A+ (CompTIA) and CCNA (CISCO Certified Net-

**CIT CONTINUED**

working Associate) is also provided. Students will obtain programming knowledge using web page design fundamentals, HTML coding techniques and a variety of web page development tools. Application software will focus on the Microsoft Office suite of products preparing students for MOS certification. Students will be able to present an animated presentation using PowerPoint, prepare business cards and brochures using Publisher, create business letters, memos and resumes using Word, calculate expenses and keep accurate business records using Excel, and create and maintain various databases using Access. The A+ portion of the program teaches students how to maintain and support PC hardware and operating systems. In partnership with Northampton Community College (NCC), the CISCO Networking Academy is offered by CIT to prepare students for the CCNA certification. This comprehensive course teaches students to design, build and maintain computer networks using state-of-the-art routers, switches, cabling and other tools and equipment that support local network (LAN) and wide area network (WAN) infrastructures. The partnership provides qualifying students the opportunity to obtain college credits towards an Associates Degree program, saving time and money when continuing their education at NCC.

**Hospitality and Lodging**

Are you a people, creative, hands-on, visual, or can-do person? There's a place for you in the Hospitality and Lodging program! Today's hospitality industry is looking for people who enjoy variety, challenge, and above all, people. The Hospitality and Lodging Program provides students with the classroom learning and real-life work experiences needed to take advantage of the boundless opportunities in lodging. The Hospitality and Lodging Program is a curriculum that introduces students to the lodging industry and teaches them the principles that will enable them to achieve success in the hospitality industry. Completing this program will open many doors of opportunity and set the students on an exciting career path. The program includes an internationally recognized certification, created especially for the Hospitality and Lodging curriculum. Hospitality and Lodging is a fast-paced career often times working in glamorous hotels, resorts, casinos, theme parks, and other diverse businesses. Because of the popularity of the Lehigh Valley, there is a need for qualified employees in this field. Students enrolled in this program will gain a hands-on approach to real-world knowledge learned both in the classroom and in the business world. The program provides training for hospitality positions in the rooms, food, and beverage division of a lodging operation. This includes front desk, reservations, housekeeping, and banquet setup and service. Following completion of the course and an internship, the student will receive a Line-Level Hospitality Skills Certification from the Educational Institute of the American Hotel & Lodging Association. Successful students may also continue their education by completing an advanced curriculum that includes management principles that will enable them to achieve success in a leadership role.

**Machine Tool Technology**

Students in the Precision Machining course learn hands-on skills and related technologies that are in great demand by local industries. Experience is gained by the use of lathes, milling machines, precision grinders and saws. Machining skills are supported by blueprint reading, mathematics and the use of precision measuring instruments. Advanced students can also gain valuable experience in our state-of-the-art automated manufacturing lab. Students use the lathes in CAD - C.A.M. technology to design, manufacture, and inspect precision machined components. Students can receive a National Skill Standards (N.I.M.S.) credential through CIT and apply for apprenticeship in the related fields of tool & die making, mold making and precision machining. Upon completion of the course content, students can apply their skills in one of many local manufacturers or apply their credits towards a degree in Engineering or Automated Manufacturing.

**Marketing and Advertising Technologies**

This program explores the nine functions of Marketing Technology. Our on-site Mini-Market provides students with practical instruction and hands-on experience in customer service, warehousing and distribution, inventory and control, pricing, food marketing principles and concepts, the basics of marketing and customer relations. Computers, computerized cash registers and scanners are also utilized as part of the practical experience. These marketable skills can be applied to careers in the Retail, Customer Service, Food Merchandising, Hospitality and Managerial Fields. DECA, an Association of Marketing Students is integrated into this program. Students completing this course may pursue employment or continue their education with advanced standing at a business school or college.

**Masonry**

Students in the masonry program learn seven different trade areas: bricklaying, block laying, concrete work, tile work, plastering, stone work and laboring. The program is taught utilizing hands-on experience through the use of lab projects and live work for the school and the local community. Upon completion of the program, students can acquire employment in one or more of the seven areas taught. Students in this program will participate in the CIT Student-Built House Project. Students work in all aspects of the construction project. At the completion of the project, the house is sold to the highest bidder.

**Occupational Child Care**

The program prepares students for a variety of jobs available in the early childhood education and child care field. Our on-site, Tech Tykes Center, provides students with practical instruction and experience in an early learning center with professional personnel. The daily interaction with young children will provide exposure to their routines along with student led activities. The classroom curriculum of child growth and development, nutrition, safety, behavior guidance and management will be enhanced by their practical hands-on experience here at CIT.

**Protective Services**

The Protective Services program is a comprehensive public safety course that is designed to assist students in pursuing a career in Law Enforcement, Emergency Medical Technician, and Firefighting. Successful students will have an opportunity to acquire up to thirteen (13) college credits towards a degree at the Northampton Community College through concurrent enrollment. Law enforcement covers the PA crimes code and vehicle code books, arrest procedures and processing, use of force, crime scene investigations and an introduction to corrections. Students who have an interest in law enforcement will have the opportunity to start their non-academic Criminal Justice courses at the Northampton Community College. The Emergency Medical Technician portion of the program covers patient care and transportation of the sick and injured. This course helps prepare students to enroll in the PA Department of Health EMT-B course offered through Northampton Community College and allows qualified students to obtain their PA EMT state certification. Students may also obtain their CPR/AED certification through the Protective Services program. The Fire Fighting training covers the Essentials of Firefighting. This portion of the program covers personal protective equipment, tools and hose lines, fire fighting equipment such as ladders and ropes and basic rescue techniques. The firefighting training is designed to help students enter the Northampton County Fire School and receive their certificate of training in the Essentials of Firefighting Module I. Students that complete a required percentage of the course in their third year, may have the opportunity to: enroll in the community college and begin taking their college credits towards their Emergency Services degree or their degree in Criminal Justice, enroll in the Northampton County Emergency Medical Technician course, enroll in the Northampton County Fire School, or enter the coop/internship program and enter the work force within their respected careers.

**Welding Technology**

Welding has become a very sophisticated and technical science, requiring not only mental application, but also, hands-on abilities. Thus, it is imperative that the training given be of a quality and quantity that adequately prepares trainees for industrial assignments at various levels of skill development. CIT has been chosen by the American Welding Society as an educational institution of such high caliber that we may train and certify students to the National Skills Standards required by today's employers. Students may also, upon successful completion, receive advanced standing at post-secondary institutions. The welding curriculum includes all basic forms of welding and metal cutting.

# BETHLEHEM AREA VOCATIONAL SCHOOL

Easton students also have the opportunity to attend BAVTS to take programs that are not offered at CIT. The scheduling and transportation are arranged in the same manner as CIT.

## Commercial (Advertising) Art

Students will learn how to apply their artistic talents to today's market, beyond pencil and pen, to the computer and using the internet. Working with the latest graphics software and technology students create brochures, posters, magazine covers & layouts, signs, logos and more. The course covers the principles of graphic design, graphics, typography, basic illustration, use of color, page layout, advertising, digital photography, and portfolio development. A student's mastery of skills will be measured by testing and standards of NOCTI. Upon graduation, students will be prepared to enter the workforce in an entry-level position. This program is an excellent opportunity for students planning to pursue post secondary education in graphics, or a design related field.

## Fashion Industries

Students learn basic designing skills, drafting patterns, and industrial methods of clothing construction. They make clothing projects that start out simple and as they acquire more skills, they use their creative minds and progress to more difficult projects. They are trained to use a wide variety of sewing machines and equipment. Also, they will acquire an understanding of the principles of fashion merchandising. The more advanced students have an opportunity to learn computerized pattern design on the Lecture CAD system. The nationally recognized NOCTI testing will measure a student's mastery of occupational skills at the end of the program. Students may qualify for the Pennsylvania Skills Certificate, indicating high performance and job readiness in multiple areas.

## Graphic (& Print Technology) Communications

The Graphic Communications program produces individuals prepared for entry-level work, as well as post-secondary education. This program presents the tools, material, and processes involved in the mass production of the printing industry. The student will gain knowledge and hands-on skills through instruction in composition and imposition, press operations, and finishing and binding, along with management, customer service, and marketing. A high level of math, measuring, language

arts, and communication skills are required. All students may earn Skills Certificates based on their level of completion, and choose to participate in the School-to-Work program during their senior year. The student's job readiness and mastery of occupational skills will be measured based on testing and standards of NOCTI.

## Video & Media Arts

Video and multimedia personnel create the exciting images and sounds that we've come to expect from TV programs, CD ROM and the Internet by combining sound, video and computer graphics technology. The instruction that this program offers includes training in concept development and design, audio and video production, computer imaging and presentation technology. Computer software applications will include computerized editing graphics and animation. The nationally recognized NOCTI testing will measure a student's mastery of occupational skills at the end of the program. Students may qualify for the Pennsylvania Skills Certificate, indicating high performance and job readiness in multiple areas.

## Web Design & Animation

A web designer must be able to lay out, create, test, troubleshoot, and modify web pages and sites. During the first year, students learn the basics of color, typography, design, and Photoshop and Illustrator. Second and third year students learn in-depth techniques how to create and assemble web sites using Dream Weaver and Fireworks and create animation for web sites and other media outlets using Flash and Lightwave 3D.

## Baking

Students will learn how ingredients are weighed and measured for large batches of dough and batter. They will learn how to operate large mixing machines and how to properly blend ingredients. Students participate in the production of many different varieties of bread, rolls, donuts, sweet rolls, danish pastry, cookies, and many other pastry varieties. Cake decorating skills are taught starting with layer cakes and sheet cakes and advancing to large multi-tiered wedding cakes. Students also learn the advantages and disadvantages of differ-

ent production options such as the use of prepared bakery mixes and frozen pre-formed products. The nationally recognized NOCTI and ACF will measure a student's mastery of occupational skills at the end of the program. Students may qualify for the Pennsylvania Skills Certificate, indicating high performance and job readiness in multiple areas.

## The Academy for Hospitality Management

This program includes instruction in hospitality industry principles, supplies purchasing, storage and control, hotel and restaurant facilities design and planning and hospitality industry law. Students also are taught personnel management and labor relations, financial management, facilities management, marketing and sales promotion strategies, convention and event management, front desk operations, and other operations. A student's mastery of occupational skills will be measured by the American Hotel and Lodging Association (AHLA).

## The Academy for Applied Engineering

This course is structured much like a traditional college level engineering course. Three periods per week are reserved for lecture and discussion, one period per week for student presentations and six periods per week for lab activities. Lab activities consist of individual and group projects designed to reinforce the theory components. These competitions permit the students to participate in actual engineering projects involving design, construction, and testing of a prototype device. Following testing, the team presents a formal audio-visual presentation to an audience of judges and peers from Lafayette College Higher Education.

## Floriculture Management

The Floriculture and Greenhouse Management Program is about the world of flowering plants and jobs associated with the Green Industry. Students experience all aspects of the local floriculture industry including the propagation, culture and use of flowering and tropical indoor plants. Floral design and marketing is also covered as arrangements are made for events such as weddings, funerals, and banquets. The students learn greenhouse operations by growing bedding plants and other ornamental

crops. A large part of the program is sales and customer service skills, as well as identification of plants important to the Pennsylvania Horticulture Industry.

## The Academy for Medical Sciences

The Academy course is fast paced and for the college prep/honors student who is capable of managing class work, as well as independent research assignments. The curriculum includes legal responsibility, ethical issues in health care, communication, medical terminology, safety and first aid, and an overview of the industry. This course is designed to provide the student with the necessary information and skills to be considered safe in a clinical environment. The clinical component offers many health care experiences for a multifocal overview of professional health careers.

## Cabinetmaking

Students learn the basic skills for cutting, assembling and finishing a cabinetry project. Through a series of projects, including the design and installation of the kitchen for the House Project, students learn to read blueprints and operate various hand and power tools, such as a radial arm saw, jointer, thickness planner, belt sander, and router. They also learn basic carpentry, such as wall and floor layout, and the application of different wall and floor coverings. Students work with various types of construction material (i.e. wood, laminates) and practice appropriate finishing techniques.

## The Academy for Automotive Management

Bethlehem Area Vocational- Technical School, in conjunction with the Greater Lehigh Valley Auto Dealers Association, is offering a business-oriented College Prep experience. Students who see themselves going on to higher education with an emphasis on business should consider this option. Students will be provided a background in sales, marketing, leadership, and advertising. Opportunities to visit local dealers and work with their staff as part of a second semester internship will be provided. Dual enrollment will be exercised in the area of business for college credit the second semester.



At the close of spring semester our seniors gather together for one last time prior to graduation. The Senior picnic is the finale in a long line of traditional events that students who attend Easton Area High School can participate in during their time as a Red Rover. Principals, teachers and students mingle and reminisce, all knowing that it has once again been a successful year. Although it is sad to part, we know that the students we send out into the nation's colleges and universities, armed forces and job market are ready for what is to come!

Good luck Class of 2010!