

**East Palestine High School  
Course Selection and Registration Guide (2019-2020)**



## **East Palestine High School**

### **Beliefs**

- 1.) All people have equal worth
- 2.) Education is empowerment.
- 3.) Every child has the right to an excellent education. The community is the stakeholder in the educational process.

### **Vision**

East Palestine High School is dedicated to a continuing tradition of excellence in an ever-changing world. Within a safe and supportive environment, we provide a relevant, high-quality education, and prepare our student body for future endeavors. We honor achievement and promote pride in ourselves, in our school, and in our community.

### **Mission**

Preparing lifelong learners in a safe and supportive environment that promotes Personal Responsibility, Respect, Integrity, Diversity, and Excellence.

### **East Palestine School District - Administration**

Superintendent - Mr. Chris Neifer  
Principal - Mr. James Rook  
Assistant Principal – Mr. Dwayne Pavkovich  
Dean of Students – Mr. Richard Cyrus  
School Counselor (Grades 11-12) - Mr. Richard Cyrus  
School Counselor (Grades 9-10) – Mrs. Elizabeth Sherry

### **Board of Education**

Mr. Robert Ginder  
Mr. Doug Lammert  
Mr. Brian Moore  
Mr. Ronald Novak  
Mrs. Sue Weigle

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## Message from the Administration

Students, Parents, Teaching & Support Staff,

This course selection guide is designed to provide students, parents, and staff with an overview of the curriculum offered at East Palestine High School. This guide should assist students in selecting courses and to plan their program of study throughout high school. Other important information includes graduation requirements, college acceptance, Columbiana County Career and Technical Center offerings, honor student programs, and athletic eligibility. It is essential that you carefully read and understand these department guidelines and descriptions of the courses you select.

It is important that effective educational decisions are made, therefore, the following scheduling guidelines will be followed:

- 1.) All students must be scheduled into a minimum of six class periods per day per semester.
- 2.) Students may add a course within the first fifteen days of a semester if there is room in the class and with permission of their school counselor.
- 3.) Students may, in certain situations, drop a course within the first fifteen school days of a semester with permission of the school counselor and/or principal.
- 4.) If a student is permitted to drop a course it must be dropped before the end of the fifteenth day of the semester or it will result in a grade of "Withdraw/Fail".

Students should take advantage of the many educational opportunities that are available at East Palestine High School. Parental involvement is crucial in making the scheduling process effective. Students must bring the completed *Course Selection Registration Form* to the guidance office by the announced deadline. If the form is not returned, course selections will be made on behalf of the student based on academic history. Any questions regarding scheduling should be directed to the guidance office or principal.

High school is a significant time for planning for the student's future. Working together we can make a better future and ensure East Palestine High School students will have every opportunity to maximize their potential as an individual and responsible citizen.

Sincerely,

*J. Rook*

Mr. Rook, Principal  
East Palestine Schools

## Course Registration Guide

### Mission Statement & Goals

In a joint effort, the teachers, administration, and support staff of East Palestine High School will provide curricular and extracurricular programs that encourage all students to achieve their full academic potential and create a positive, supportive environment that develops the social skills necessary to become productive citizens of a global society. We believe that open communication among students, staff, and the community will promote responsibility and active student-parent participation in the learning process.

- 1.) Students and faculty will work cooperatively to develop critical thinking skills and problem solving strategies that will allow them to become self-sufficient members of our society.
- 2.) With the help of faculty, students will demonstrate success in passing all required sections of the state proficiency and graduation tests.
- 3.) With the guidance of faculty, students will develop, to their fullest potential, the appropriate academic and social skills.
- 4.) With the help of faculty, students will demonstrate mastery of skills necessary to pass the credits required in order to graduate.
- 5.) Students and faculty will work cooperatively to develop and demonstrate a feeling of positive self-esteem.
- 6.) With the help of faculty, students will develop the skills necessary to make a positive contribution to school and community activities.
- 7.) With the help of faculty, students will develop the skills necessary to communicate effectively.
- 8.) With the help of faculty, students will develop a sense of responsibility and will learn the value of self-motivation.
- 9.) With the help of faculty, students will develop an intelligent curiosity in order to adjust successfully to an ever-changing technological world.
- 10.) With the help of faculty, students will learn to use the available resources to make successful decisions in their future pursuits.
- 11.) With the help of faculty, students will increase their appreciation of the purpose, value, and ownership of their education.

Please note that due to reasons beyond our control, there may be changes to the content of this guide after printing. Students will be notified of any changes if and when they occur.

## Graduation Requirements

East Palestine Schools requires twenty-one (21) units of credit for graduation, in addition to meeting graduation point requirements on the Ohio Department of Education's End of Course exams.

### Required Courses/Credits for a High School Diploma

English	4 credits
Math	4 credits (including 1 unit of Algebra 2 or the equivalent of Algebra 2)
Science	3 credits (including 1 unit of physical science, 1 unit of life science, & 1 elective unit)
Social Studies	3 credits (including 2 units of US-World History & 1 unit of Government)
Health	½ credit
Physical Education	½ credit (students who participate in two full seasons of interscholastic high school athletics, cheerleading, or 2 full seasons of Marching Band may request a Phys. Ed. Waiver for the ½ credit requirement)
Elective Courses	6 credits (Elective units must include one or more combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, math, science or social studies courses not otherwise required. All students must complete at least two semesters of fine arts any time in grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement.)

All coursework being accomplished through online or correspondence classes, as well as transcripts for the same, must be received two weeks prior to the date of graduation to meet graduation participation requirements. No exams for such courses will be administered after May 1st. Failure to complete all core requirements by May 1st, could jeopardize the student's graduation.

### Pathways to Graduation

Students must meet one of the following three pathways:

1.) Ohio's State Tests: Students earn a cumulative passing score of 18 points, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in math, four points in English and six points across science and social studies.

End-of-course exams are:

- Algebra I and geometry or integrated math I and II
- Biology or Physical Science
- American History and American Government
- English I and English II

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in Biology, American History or American Government may take and substitute those test scores for end-of-course exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for the same end-of-course exams.

Students can earn from 1-5 points for each of the (7) EOC exams, based on their performance. Students must accumulate a minimum of 18 points from scores on their EOC exams to become eligible for a diploma. A minimum of six of those points must be from Science & Social Studies EOC exams.

5	–	Advanced
4	–	Accelerated
3	–	Proficient
2	–	Basic
1	–	Limited

Students that score below proficient on an exam may retake it after receiving some extra assistance on the material. Students that score proficient or higher on an EOC exam can retake exams only if, once they take all the exams, they have not met the minimum graduation points to graduate. In this case, a student can retake any exam after receiving some assistance on the material.

2.) Industry credential and workforce readiness: Students earn 12 points through a State Board of Education approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score of 13 on the Work Keys assessment. The state of Ohio will incur the cost one time for those students who take the Work Keys assessment.

3.) College admission test: Students earn “remediation-free” scores in English Language Arts and Mathematics on a nationally recognized college admission exam (ACT or SAT). The state of Ohio will pay one time for all Grade 11 students in the classes of 2018 and beyond to take the exam.

### College Admission Standards and Core Curriculum

College Admission Standards vary by individual college and by intended majors at specific post-secondary institution. However, Ohio colleges and ACT have established recommended courses that are expected to provide the college-bound student with greater readiness and chances for success.

#### **ACT’s recommended Common Core Curriculum has been established as follows:**

- English: 4 credits
- Math: 4 credits, including Algebra 2 (1 course beyond Algebra 2 also recommended)
- Science: 3 credits, including Chemistry (Physics also recommended)
- Social Studies: 3 credits
- Foreign Language: 2-3 credits of the same language
- Fine Arts: 1 credit

The admission status of students into colleges with an “open admission policy” may be established as unconditional with the satisfactory completion of the above courses. However, many colleges also consider college entrance test scores, the level of difficulty of a student’s courses, and grade point average. Students planning to apply to colleges with a more selective admissions policy should ideally have 4 credits in science. It is important to consult specific college websites to become familiar with admission requirements. Regarding academic scholarships, colleges look closely at ACT scores. Choosing challenging upper-level courses in the areas of math and science, as well as Honors English, is the best way to raise an ACT score.

Students interested in very selective colleges (colleges admitting less than 50% of the applicants) will typically want to have the following Core academic coursework along with Honors and/or AP level courses. Please meet with your school counselor to discuss your options.

- English: 4 credits
- Social Science: 4+ credits
- Math: 4+ credits
- Science: 4+ credits
- International Language: 4+ credits

Please meet with your school counselor to discuss any questions you may have about your specific situation. Please remember that with 4,000 different colleges these guidelines are simply general guidelines.

### **Grade Classification**

Grade classification is based upon the number of years a student has been in attendance at the high school level. However, to achieve “senior” status, a student must have earned a minimum of fourteen (14) credits by the end of the junior year.

### **Class Rank**

Our curriculum offers many courses at varying ability levels. Evaluation of a student is done in relationship to the level of each particular course. Schools must establish class rank to fulfill one aspect necessary for college entrance as prescribed by colleges and universities. To be fair to all students, a procedure that will weight grades has been established relative to the level of a particular subject and relative to other subjects. Weighted grades will be used in determining class rank.

<u>Mark</u>	<u>Weighted</u>	<u>Non-weighted</u>
A	5	4
B	4	3
C	3	2
D	2	1
F	0	0

In this *Course Registration Guide*, those courses that contain the word(s) “Honors” or CCP (College Credit Plus) in their title or are designated by an asterisk (\*) are courses using the weighted grade scale. All other courses will use the Non-weighted scale.

A student’s grade point average is calculated from earned credits in graded classes only, including those grades earned under the Credit Flexibility Option. Course options through Credit Flexibility scheduling may count in honor student status. Final decision on acceptable courses will be determined by the administration.

### **Valedictorian, Salutatorian, and Honor Student Designation - Class of 2016 and Beyond**

“Honor Student” status will be determined by a student’s performance in the following academic courses:

- Honors English 9, 10, 11, 12
- Honors Math 1,2,3,4
- Honors Government/Financial Lit
- Analytical Geometry/Calculus
- Anatomy/Physiology
- Foreign Language (maximum 4 credits)
- Honors US-World Studies 10
- Honors Physical Science
- Honors Biology
- Chemistry
- Psychology
- Physics
- Honors Band

### ●College Credit Plus Courses

School grade point values (weighted: 5, 4, 3, 2, 1) will be utilized in determining honor students.

The distinction of honor student will be determined by the total number of quality points earned by a student in up to 20 of the above listed courses (through the class of 2019), and 21 courses (class of 2020 and beyond) at the end of the third nine weeks of the senior year.

A maximum of 105 points could be earned. If a student takes all courses. The highest 21 course point values will be considered.

Only the prior mentioned courses will be used in determining honor student status, the top ten percent of the graduating class. Those students would be the ones who earned the most points of the 105 points available, with the valedictorian being the student earning the highest number of points. Salutatorian will be the student with the second highest point total.

This procedure will be used for the recognition of honor students at graduation and any accompanying awards or publicity. The school district's present procedure for calculating grade point average and class rank, as reported on the student's transcript, will remain as is. It is conceivable that one's final rank in class, as reported on a student's final transcript, could be slightly different from the honor student status as determined above.

### **Failures**

A student failing a required subject must repeat the subject or recover the credit prior to graduation.

### **College Credit Plus**

The College Credit Plus Program (CCP) allows qualified high school students to enroll in college-level courses to earn simultaneous high school and college credit at no cost to the student or family. Classes are automatically listed on the students' high school transcript. Students can take classes as part of their regular school day at East Palestine High School. Students also have an option to take courses at the college campus or online. More information about the College Credit Plus Program is available in the high school guidance office.

Students are limited to 30 semester credits per academic year paid for through an agreement with participating colleges or universities. Students should submit receipts for fees and books to the guidance office for reimbursement. Students wishing to earn more than 30 semester credits per academic year will be responsible for all cost of attendance for each credit above the 30 semester hour credit limit. The cost of fees, books and tuition will be charged to a student's account if they drop a course after the deadline and/or fail a CCP course.

College Credit Plus students are designated as college students and subject to the federal FERPA. For regular college students, this means that college records are not released to anyone, including parents, without written permission from the student. For CCP students, the high school and college may exchange records.

### **Important CCP Notices**

- There is no guarantee the classes students take will transfer to the college they eventually attend
- Some private colleges, especially selective colleges, may prefer AP courses to CCP coursework
- Students must have their own transportation to courses taken on a college campus

- Students taking CCP courses are subject to the rules and regulations of the college granting credit, including but not limited to add/drop dates and disciplinary infractions.
- Academic calendars are often very different. For example, spring break may not align with spring break at the attending college or university. Therefore, students are responsible for attending classes when in session despite the differences in calendars.
- Academic advisors from the participating college is required to meet with each student within the first two weeks of class in a group or individually.
- While in college coursework, students are introduced to a learning environment that promotes an open exchange of ideas. Course content is presented on an adult level and class discussions may require an advanced understanding of divergent viewpoints and the ability to think critically on controversial issues or mature topics.
- College level course often have a greater amount of work, faster pace and more rigorous content than even honors high school courses.
- CCP grades become part of a student's permanent college transcript and are calculated into the college grade point average. Poor performance in CCP courses may impact future university admissions and financial aid. Therefore, it is important to perform well in CCP courses to realize the benefits.
- Students who earn more than 30 semester hours may or may not qualify for freshmen scholarship opportunities at some colleges.
- If a student drops a CCP course after the deadline or fails any CCP course, the cost of tuition, fees and books will be charged to the student's account at East Palestine High School.
- East Palestine Schools will not pay for any courses that are not completed with a C or better.
- CCP courses and grades are reported on both the high school and college transcripts.
- East Palestine Schools will not be able to provide transcripts for CCP courses. Students should request these directly from the college which granted credit.

### **Transfer of CCP Credits**

Credits earned through CCP are transferable to many public and private institutions in Ohio and out of state. Students who want to transfer to another university will need to send their transcript from the institute of higher learning to the university they plan to attend. Many of those courses apply towards the general education requirement or as electives at that institution. Two websites are available to help students fully understand what courses will transfer:

- [www.transfer.org](http://www.transfer.org)
- [www.ohiomeanssuccess.gov](http://www.ohiomeanssuccess.gov)

### **Conversion of CCP credits to High School credits**

- 5 semester credits = 1 high school credit
- 4 semester credits = 1 high school credit
- 3 semester credits = 1 high school credit
- 2 semester credits = .67 high school credit
- 1 semester credit = .33 high school credit

## **Special Education Services**

The Special Education services for each student with disabilities are written into the student's Individualized Education Program (IEP). Services may be provided in a variety of settings, with the goal being to educate each student in the Least Restrictive Environment (LRE); which means providing services in the general education classroom environment to the maximum extent possible.

### **Home Instruction**

Home instruction is an individualized education program provided at home or an agreed upon public

location. These services may be offered to a child with a disability or medical condition which prevents the child from attending the school. Should the child be hospitalized, the District will work with the student and family/caregiver(s) to set up home instruction services or programming that may be available.

### **Section 504 Plan**

A free and appropriate public education (FAPE) shall be provided for each child determined to be in need of special education and/or related services. Students may be identified disabled and eligible for special education services under the Individual with Disabilities Education Improvement Act (IDEIA, 2004). Others may be identified as disabled under Section 504 of the Rehabilitation Act. A student identified as disabled under Section 504 may be eligible for services if he or she has a physical or mental impairment that substantially limits learning or another major life activity.

If a student is identified as disabled under Section 504, the general education teachers and school counselor, in collaboration with the special education department representative, shall design a plan to address the student's needs. The education program shall be provided in the general education classroom to the maximum extent appropriate to the needs of the disabled student.

At least annually, there shall be a review of the education plan for a student receiving services under a 504 Plan.

### **Notice of Nondiscrimination**

It is the policy of the East Palestine School District not to discriminate, in violation of Federal or State law, on the basis of race, color, national origin, ancestry, religion, age, sex, or disability in admission to, access to, treatment in, or employment in, any service, program, or activity sponsored by East Palestine Schools.

### **Grades**

The letter grades and symbols used at East Palestine High School are indicated below:

A = Excellent	I = Incomplete grade
B = Good	WF = Withdrawn failing
C = Average	
D = Below average but passing	
F = Failure	

An "I" for incomplete is given when considerable make-up work is necessary, due to a prolonged, frequent, or other absence which is approved. A student receiving an "I" is obligated to complete the necessary make-up work and cannot pass the course until the "I" is removed. The following grade scale will be used at East Palestine High School.

A - (93% - 100%)	W - Withhold grade
B - (86% - 92%)	P - Pass
C - (78% - 85%)	
D - (70% - 77%)	
F - below 70%	

### **Schedule Changes**

It is recommended that students make an appointment with a school counselor to discuss course selections. Once course selection sheets are submitted, they will be processed to determine the class schedule. Schedule changes will be considered in the following situations:

- A.) The student and/or parent must meet with a guidance counselor to discuss a schedule change.
- B.) If it is determined in the conference that a schedule change is appropriate, and permission has been given by the counselor and/or the principal, it must be done before the end of the fifteenth school day of each semester.
- C.) The student must remain scheduled into a minimum of six class periods a day each semester.
- D.) Dropping a course after the end of the fifteenth day of the semester will result in a final grade of “Withdraw/Fail” for that course.
- E.) During the first week of school students whose schedules have conflicts and other scheduling problems will take priority over all other schedule changes.
- F.) Students wanting to return from the vocational program at the CCCTC must have approval from both the career center and home school counselor. All scheduling must be completed prior to returning to the home school.

Schedules will not be changed for the following reasons:

- 1.) To have classes with friends.
- 2.) To have a course or study center a certain period.
- 3.) Changing the schedule results in one or more courses being overloaded.
- 4.) Student or parent prefers a certain teacher.
- 5.) Student or parent does not want the assigned teacher.
- 6.) The teacher is “too hard” or “not hard enough.”
- 7.) Teacher does not teach in a preferred “style.”

Wanting a different teacher will not be justification for changing a class. All concerns or conflicts with a teacher’s style, methods or personality need to be addressed in a professional manner. We ask the student and parent first meet with the teacher and work through any concerns or problems. If a resolution cannot be reached, then the parent or teacher should contact an administrator to meet about the issue.

### **Athletic Eligibility**

To be eligible for interscholastic extracurricular activities during a given grading period, a student must:

- 1.) Have attained a minimum of a 1.00 GPA during the preceding grading period
- 2.) Have received no more than one (1) F in any graded course during the same preceding grading period
- 3.) Along with above two standards, athletes must also pass a minimum of five (5) credits the preceding grading period – OHSAA standard. Fall eligibility is determined from grades earned the fourth nine weeks of the previous year.
  - a.) Courses that count as one credit are any courses that meet:
    - 1.) For a full year, granting one credit
    - 2.) For a half year, granting one/half credit
    - 3.) For a quarter year, granting one/quarter credit
  - b.) Courses not counting as one credit are the following:
    - 1.) PE Assistant
    - 2.) PE

Note: Any student who is considering collegiate athletics needs to check with a coach and/or counselor regarding eligibility requirements for participation in collegiate sports. Students considering participation at an NCAA Division I or II school must complete the Clearinghouse Student Release Procedure online at [www.ncaa.org](http://www.ncaa.org) under Academics and Athletics.

### **Guidance Services**

Students are encouraged to make use of the services provided by the Guidance Department. Guidance services are available to assist students in making the most of their opportunities while in school. Each student is urged to confer with a counselor whenever he or she desires assistance in solving problems of an educational, vocational or personal nature.

At the time of course and program registration, each student has the opportunity to be individually counseled concerning selections as they relate to educational and career goals. A variety of information related to educational and career planning is available to students and parents in the guidance office. Counseling and guidance sessions pertaining to school performance, test scores interpretation and personal social development are scheduled with students throughout the year. Communication with parents is always welcomed and very often desirable and helpful. For information or to make an appointment contact the East Palestine High School Guidance Office at 330-426-5400.

### Testing Program & Tentative Schedule

<u>Test</u>	<u>Date</u>	<u>Grade(s)</u>
Armed Services Vocational Aptitude Battery	September	11-12
Preliminary Scholastic Aptitude Test (PSAT)	October	9 -11
ACT Test	March	11
End of Course Exams (Retakes)	December/January	10 - 12
End of Course Exams	April/May	9-12

### Incentive Scholarship

A.) Purpose: The Incentive Scholarship Program is designed to recognize and encourage academic excellence of East Palestine High School students.

B.) Awards: The 9 week averages must be ones immediately preceding the presentation of the awards.

- Certificate - two individual 9 week averages of 3.75 or better
- Bronze Key - six individual nine week averages of 3.75 or better
- Silver Key and Academic Letter - ten individual 9 week averages of 3.75 or better
- Gold Key - fourteen individual 9 week averages of 3.75 or better

*Note: No nine (9) week grade may be below a "C".*

C.) Incentive Scholarship Notices:

- 1.) The awards will be made during the second semester of the school year (May)
- 2.) To earn an award, a student must have an average of 3.75 or better
- 3.) No student may be given more than one award at a time.
- 4.) Any graded subject calculated in the GPA will be considered.
- 5.) Students must carry at least four graded subjects each semester.
- 6.) College Credit Plus students must carry at least four graded subjects each semester in any combination of EPHS courses and early college admissions programs.
- 7.) The eligibility of transfer students and exchange students will be judged from official transcripts of their schools which will be equated, if possible to courses offered at EPHS by a committee consisting of the EPHS counselors and administrators.
- 8.) The determination of eligibility and 9 week averages will be the responsibility of a committee of staff members appointed by the building principal.

### National Honor Society

A.) The purpose of the National Honor Society is four –fold: Create an enthusiasm for Scholarship, Promote Leadership, Stimulate the desire to render Service, and Develop Character

*Better Together*

B.) Eligibility for the National Honor Society:

- 3.75 Grade Point Average
- Complete a resume of school/community activities
- Write an essay

C.) The Selection Process: As part of the selection process for the National Honor Society the following information is reviewed for each candidate:

- Grade point average (GPA) and academic performance in required and elective courses
- Attendance / tardies and discipline records
- Leadership, service, and character evaluations from teachers, club advisors, and coaches

D.) Membership:

- New members are required to attend the induction ceremony
- All members must participate in required leadership & service projects
- Senior members are eligible to receive the senior service award and the nomination to the NHS Scholarship program

Those who are chosen as National Honor Society members must exemplify leadership, scholarship, service, and character.

Outstanding scholarship is very important. To be an eligible candidate a minimum 3.75 cumulative grade point average is required for eligibility, each candidate is expected to demonstrate and maintain high academic performance in all subject areas.

The candidate is required to show evidence of participation in school/community activities. Leadership participation is determined through leadership in the classroom, elected and appointed offices, participation in school/community organizations/activities.

The candidate is required to show evidence of Service to the school and community. A student may participate in such organizations as Rotary Interact, CLEAR, Pep Club, Boy or Girl Scouts, etc. Volunteering for community programs or helping with various school/community activities is also considered.

Character is also given high consideration. Candidates should demonstrate the highest standards of integrity, honesty, respect, reliability, dependability, and obedience to rules in both school and community.

All information is collected and verified by the advisor and forwarded to the faculty committee who have the responsibility of naming the students selected for membership.

The faculty committee consists of five teachers appointed by the principal. Every effort is made by the faculty committee to ensure a fair method of choosing eligible candidates; therefore, selection procedures are reviewed annually before they are implemented.

The NHS Operations Manual, with a detailed explanation of the selection procedure, is available in the main office & guidance office for your review.

<b>COURSE OFFERINGS AND DESCRIPTIONS</b>
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<b>ENGLISH</b>
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All students are required to complete four credits of English to be eligible for graduation. When choosing the proper English course, parents and students should strongly consider the student's past achievement in English as well as future plans post-graduation. In order to receive the maximum benefits from the high school program, it is important for students to enroll in courses that best meet their needs and ability levels.

**ENGLISH 9**

1 Credit / All Year / Prerequisite: None

All incoming freshmen will be placed into an English 9 course. Students will study areas of literature, informational text, writing, speaking/listening and language, all aligning with Ohio's Learning Standards. Emphasis on state mandated test preparation will be included in the curriculum. This course is designed as an entry level course and will be a factor for determining future placement. In order to be considered for future Honors English placement, students must maintain an A or B average in English 9 and have a teacher recommendation.

**HONORS ENGLISH 9**

1 Credit / All Year / Prerequisite "B" average or better in 8th grade language arts (English teacher recommendation)

This course is designed for advanced level students. The students will study areas of literature, informational text, writing, speaking/listening, and language; all align with Ohio's Learning Standards. Additional readings and writing assignments are required (including summer reading assignments). Also, an emphasis on state mandated test preparation will be included in the curriculum. Failure to maintain a passing average in this course will result in a schedule change to a lower level placement.

**ENGLISH 9/10 BLOCK**

2 Credits / / 1 Credit / Prerequisite: Students entering his or her sophomore year may register for this course if they have not met the requirements to receive English 9 credit as a freshman.

Students not passing English 9 will be given the opportunity to earn the credit for both English 9 and English 10 within the same calendar year. This block course will offer two consecutive periods of English 9 the first semester and English 10 the second semester. Students will study areas of literature, informational text, writing, speaking/listening and language, all aligning with the state Common Core Standards.

**ENGLISH 10**

1 Credit / All Year / Prerequisite: Students must have passed English 9 to enroll in this course.

This course is designed for average level students. Students will study areas of literature, informational text, writing, speaking/ listening and language, all aligning with the state Common Core Standards. Emphasis on OGT test preparation will be included in the curriculum. Students will receive a letter grade according to their progress in completing course objectives.

**HONORS ENGLISH 10**

1 Credit / All Year / Prerequisite: Students must have passed English 9 with a B average or higher to enroll in this course and have a teacher recommendation.

This course is designed for advanced level students. Students will study areas of literature, informational text, writing, speaking/listening and language, all aligning with the state Common Core Standards. Emphasis on OGT test preparation will be included in the curriculum. Students will receive a letter grade according to their progress in completing course objectives. Failure to maintain a passing average in this course will result in a schedule change to a lower level placement.

**ENGLISH 11**

1 Credit / All Year / Prerequisite: Students must have passed English 10 to enroll in this course.

This course is designed for average level students. Students will study areas of literature, informational text, writing, speaking/ listening and language, all aligning with the state Common Core Standards. Students will receive a letter grade according to their progress in completing course objectives.

**HONORS ENGLISH 11**

1 Credit / All Year / Prerequisite: Students must have passed English 10 with a “B” average or higher to enroll in this course and have a teacher recommendation.

This course is designed for advanced level students. The students will study areas of literature, informational text, writing, speaking/listening, and language; all align with the state Common Core State Common Core Standards. Additional readings and writing assignments are required (including summer reading assignments). Failure to maintain a passing average in this course will result in a schedule change to a lower level placement.

**ENGLISH 12-CAREER READINESS**

1 Credit / All Year / Prerequisite: Students must have passed English 11 to enroll in this course.

This course is designed for average level students that have an interest in entering the workforce post-graduation. Students will study areas of literature, informational text, writing, speaking/ listening and language, all aligning with the state Common Core Standards. Students will receive a letter grade according to their progress in completing course objectives.

**ENGLISH 12-COLLEGE READINESS**

1 Credit / All Year / Prerequisite: Students must have passed English 11 to enroll in this course.

This course is designed for average level students that have an interest in pursuing higher education post-graduation. Students will study areas of literature, informational text, writing, speaking/ listening and language, all aligning with the state Common Core Standards. Students will receive a letter grade according to their progress in completing course objectives.

**HONORS ENGLISH 12**

1 Credit / All Year / Prerequisite: Students must have passed English 11 and have a B average or higher to enroll in this course with a teacher recommendation.

This course is designed for advanced level students. Students will study areas of literature, informational text, writing, speaking/listening and language, all aligning with the state Common Core Standards. A portion of this course will focus on student college and career readiness. Students will receive a letter grade according to their progress in completing course objectives. Failure to maintain a passing average in this course will result in a schedule change to a lower level placement.

## **MATHEMATICS**

All students are required to complete four credits of mathematics to be eligible for graduation. When choosing the proper mathematics course, parents and students should strongly consider the student's past achievement in mathematics as well as future plans post-graduation. It is important to note, however, that one mathematics credit must be earned in an Algebra 2 course. In order to receive the maximum benefits from the high school program, it is important for students to enroll in courses that best meet their needs and ability levels.

### **ALGEBRA 1**

1 credit / Open to freshman

This course serves as an introduction to high school mathematics and to extend the mathematics that students learned in middle school. Topics included in this course are the real number system, algebraic expressions, equations and inequalities, functions, linear, quadratic and exponential models, operations with polynomials and rationale expressions and interpreting categorical and quantitative data.

### **ALGEBRA 1A AND ALGEBRA 1B**

2 credits / Open to freshmen and sophomores

This course is a two year sequence covering the topics of Algebra 1. It serves as an introduction to high school mathematics and to bridge the mathematics that students learned in middle school to high school Algebra 1 topics. Topics included in this course are the real number system, algebraic expressions, equations and inequalities, functions, linear, quadratic and exponential models, operations with polynomials and rational expressions and interpreting categorical and quantitative data. Students will take the state test for Algebra 1 at the end of Algebra 1B.

### **HONORS ALGEBRA I**

1 credit / By teacher recommendation / The TI 84 Plus graphing calculator is recommended for this course

Geared towards the college-bound student, this course covers the topics in greater depth than the course described above. It is recommended to students who have had great success in previous math courses and who plan to continue their education at some post-secondary educational institution.

## **GEOMETRY**

1 credit / Prerequisite: Algebra 1, Algebra 1 CP

The focus of this math course is congruence, similarity geometric measurement and dimensions and modeling. Topics about right triangles, trigonometry, circles and expressing geometric properties with equations are also included.

### **HONORS GEOMETRY**

1 credit / Prerequisite: Honors Algebra 1 / Recommended “B” average) By teacher recommendation / The TI 84 Plus graphing calculator is recommended for this course

This course covers the same material as the geometry CP. It stresses analytical and logical thinking and develops skills with wide application in fields such as chemistry, physics, engineering and economics. Students anticipating a career involving the need for a strong mathematical background should elect this course.

## **ALGEBRA 2**

1 credit / Prerequisite: Geometry, Geometry CP

This course will pull together and apply the units taught in the two previous courses. Students will expand their understanding of complex numbers, polynomials, radical and rational expressions, functions, linear, quadratic and exponential models and trigonometric functions and identities.

## **HONORS ALGEBRA 2**

1 credit / Prerequisite: Honors Geometry / by teacher recommendation / Recommend “B” or above average / The TI 84 Plus graphing calculator is recommended for this course

This course covers the same material as the Algebra 2 College Prep in greater depth. Student’s successfully completing Honors Geometry with a “C” or better should select this course.

## **MATH 4**

1 credit / Prerequisite: Algebra 2 or Algebra 2 CP

This course will further pull together and apply units taught in the 3 previous courses. Students will expand their understanding of complex numbers, polynomials, radical and rational expressions, functions, linear, quadratic and exponential models and trigonometric functions and identities.

## **HONORS MATHEMATICS 4**

1 credit / Prerequisite: Honors Algebra 1, Honors Geometry, Honors Algebra 2 / by teacher recommendation / The TI 84 Plus graphing calculator is recommended for this course

This course advances the study of algebra in the real and complex number system. Extensive time is spent on trigonometry and pre-calculus topics. This course is intended for the college-bound student anticipating a math-related career.

## **ANALYTICAL GEOMETRY & CALCULUS \***

1 credit / Prerequisite: Honors Math 4 or concurrently with Honors Math 4 / by teacher recommendation

Algebraic concepts are applied to the study of plane figures; circle, ellipse, parabola and hyperbola to determine equations of their loci. In calculus, rates of change, the derivative and summations, and the integral and developed from limit concepts. These in turn are applied to solutions of many advanced problems. This course should be selected by students planning to study computer programming, engineering or advance science in college. It is recommended that only students with a “B” average in upper math courses consider this selection.

<b>SCIENCE</b>
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## **INTEGRATED PHYSICAL SCIENCE**

1 credit / Required for freshman / Fee Required

Physical science is the study of the relationship between matter and energy. Students will be introduced to the chemical and physical properties of matter, including atomic structure and compounds names and formulas. Physical and chemical changes in matter, including change of state and chemical reactions, will be studied. Motion, forces, work and power, and different types of energy are described and analyzed. Selected earth science topics will be included.

## **HONORS INTEGRATED PHYSICAL SCIENCE**

1 Credit/ Open to freshmen - teacher recommendation, “B” average in math / Recommended concurrent enrollment in honors Algebra 1, CP Algebra 1, or Honors Geometry.

This course involves the study of the physical world. A study of matter, energy, forces, and motion will be pursued with an emphasis on mathematics and exploratory laboratory experiments and use of technology. Students with a genuine scientific curiosity, strong math skills, an ability to pursue independent studies, and an interest in taking Physics and Chemistry their junior and senior years should select this course—Selected Earth Science topics will be included.

## **BIOLOGY**

1 credit / Required for sophomores / Fee Required / Prerequisite: physical science

This is an introductory course in the areas of microscopic examination, cell survey, basic genetics, ecology and evolution. The student will be encouraged to understand the place of the organism in the environment as well as the evolutionary place of humans in our environment. Student awareness will be increased about DNA and the role it plays in the evolutionary process.

## **HONORS BIOLOGY**

1 credit / Fee Required / Prerequisite: Honors Physical Science; Honors Algebra 1 , or Honors Geometry or Algebra 1 CP or teacher recommendation \*required for freshmen (class of 2019) \*\*required for sophomores(class of 2018)

This advanced course deals with an introduction to the chemistry of biology, cell structure, photosynthesis, cellular respiration, genetics, cell division, evolution and ecology. This is an investigative course designed to prepare the serious science student with a solid background in the biological sciences. Laboratory sessions will develop skills in proper use of the microscope and other related science equipment to prepare students for advanced work.

## **ENVIRONMENTAL SCIENCE**

1 credit / Open to juniors and seniors / Fee Required / Prerequisite: biology

This course involves the study of the major environmental and energy related problems facing our society today. An exploration of the basic ecological principles that govern the natural world, along with energy and resource concepts, are pursued. Geological activity, geochemical cycles, and earth motion will be reviewed. Lecture, discussion, reading, writing, and laboratory work (including use of computer-related activities and the internet) will be used to study these problems and their possible solution for the future.

## **CHEMISTRY \***

1 credit / Fee Required / Prerequisite: Honors Biology, Honors Algebra 2 or Honors Geometry or Geometry CP \*required for sophomores (class of 2018)\*\*required for juniors (class of 2017)

This course pursues the study of the composition, properties and behavior of matter along with the more important elements and compounds encountered in chemistry. Mathematical topics are developed and laboratory skills are enhanced in the pursuit of qualitative and quantitative investigations. Strong math skills are essential.

### **ANATOMY & PHYSIOLOGY \***

1 credit / Fee Required / Prerequisite: Honors Biology, “C” average or permission of instructor)

This course is designed for the serious science student or those considering medicine, nursing, veterinary science or any medical or life science profession. The course deals with the structure and function of the human body. Topics of discussion include tissue types as related to major body systems such as skin, skeletal, muscular, nervous, and cardiovascular as well as the digestive system. The dissection of the fetal pig will provide a culminating activity as representation of human body systems.

### **PHYSICS \***

1 credit / Fee Required / Open to juniors and seniors / Prerequisite: Honors Algebra 1 and Honors Geometry or Algebra 1, CP and Geometry CP - B average recommended)

This course will include a mathematical investigation of measurement, forces, motion, heat, light, sound and electricity. The basic concepts of the behavior of matter and energy are explored by means of laboratory work, discussions and problem assignments. A student with high interest in science, and who expects to major in physics, chemistry or engineering in college should elect this course. Strong math skills are essential.

## **SOCIAL STUDIES**

### **US - WORLD STUDIES 9**

1 credit/ Full Year Course

This course covers events in American history within the realm of world events between the years 1770 and 1920. Key events include the founding documents, westward expansion, industrial revolution, slavery, Civil War, industrialization, immigration, urbanization, and World War I.

### **HONORS US - WORLD STUDIES 9**

1 credit/ Full Year Course

This course covers events in American history within the realm of world events between the years 1770 and 1920. Key events include the founding documents, westward expansion, industrial revolution, slavery, Civil War, industrialization, immigration, urbanization, and World War I. This honors course involves greater emphasis on research, writing, and critical thinking skills.

### **US - WORLD STUDIES 10**

1 credit/ Full Year Course

This course covers events in American history within the realm of world events between the years of 1920 and the present. Key events during this time period include such topics as the Great Depression, World War II and the Cold War Era, the 1960s, Watergate, and recent history.

### **HONORS US - WORLD STUDIES 10**

1 credit/ Full Year Course

This course covers events in American history within the realm of world events between the years of 1920 and the present. Key events during this time period include such topics as the Great Depression, World War II, the Cold War Era, the 1960s, Watergate, and recent history. This honors course involves greater emphasis on research, writing, and critical thinking skills.

### **GOVERNMENT & FINANCIAL LITERACY**

1 credit / Full Year Course

This course includes the study of the Constitution, national, state, and local government as well as political parties, interest groups and voting. The first three grading periods will be Government and the fourth grading period will be Financial Literacy. The Government class will include a Community Service requirement of 15 hours. Financial Literacy will include various aspects of budgeting, saving, investing, and overall financial management of personal income and assets. This class will be taken during the junior year.

### **HONORS GOVERNMENT & FINANCIAL LITERACY**

1 credit / Full Year Course

This course includes material similar to the regular Government course described above, but will require more research, writing, and critical-thinking skills. The class will also be Government for the first three grading periods with Financial Literacy during the fourth grading period. It will also contain a requirement of 15 hours of Community Service. This class will be taken during the junior year.

## **ELECTIVES (REQUIRED AND OPTIONAL)**

Elective units must include one or more combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, math, science or social studies courses not otherwise required. All students must complete at least two semesters of fine arts any time in grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement.

### **ART 1**

Open to all students /1 credit / Fee Required

This year-long course offers an introduction to the basic fundamentals in art production. The student will be taught basic methods and techniques for drawing, painting, sculpture, art technologies, printmaking, and other crafts. Students will keep a journal, create a portfolio, and study art history as well. This course is designed for both the serious art student as well as beginners interested in broadening their overall experiences and appreciation of the visual arts.

### **ART 2**

Prerequisite: Art 1 / 1 credit/ Fee Required

This year-long course reviews and builds upon the fundamentals developed in Art I. An emphasis is given to art criticism, the elements and principles of design and art history as they relate to the production of art. The perceptual skills, methods and techniques of drawing, as explored in Art 1, will be reviewed and applied in the media of pencil, black & white charcoal ink, scratch board, colored pencil and pastel. We will also explore painting using watercolor and acrylics. Students will develop 3D forms in clay sculpture and ceramic pottery. This course is designed for the art student that would like to refine and advance their skills and appreciation of the visual arts.

### **ART 3**

Prerequisite Art 1 and 2 / 1 credit / Fee Required

This year-long course with a studio environment is designed for the serious and motivated art student. This course will provide the student with opportunities for creative problem solving. The student will build upon and extend the learning and principles as developed in Art 1 and 2. This class is designed so that the emergence and development of a student's own personal style, method of expression, and media preference might occur. The student will produce quality work in the major categories of fine art: drawing, painting, sculpture and printmaking, ceramics and crafts.

### **ART 4**

Prerequisite: Art 1,2, and 3 / 1 credit / Fee Required

This advanced year-long course with a studio environment is designed for the serious and motivated art student. The course is designed to provide the student with opportunities for creative problem solving. These experiences are designed so that the student will develop one's own style, method of expression, techniques and media preferences. The student will produce quality work in the major categories of fine art, crafts, and commercial art (digital). Preparation of the student's portfolio for scholarships and placement in advanced training will be provided.

### **DRAWING 1**

1 Semester / .5 credit / Fee Required

This is a semester introductory drawing class. This class will help you to really "see" what you are looking at so that you can draw anything you'd like. You will be encouraged to not be afraid of trying. Each person has their own strengths and weaknesses. The materials that you will work with are various types of pencils, charcoal, ink, markers, calligraphy pens, and paint. Art history and careers involving drawing will also be included.

### **3-D DESIGN**

1 Semester / .5 credit / Fee Required

This is a semester introductory class in 3-D form. Perhaps you love to work with your hands to make things. Would you like to make a sculpture out of clay, papier Mache, or from a variety of other materials? This class is for you. You will be exploring the following:

Ceramics - You will make pottery using different types of construction methods such as coil, slab and the potter's wheel. You will explore how to make functional and decorative pots using different techniques as well as things like, jewelry, trivets, flower pots, napkin rings, decorative frames, vases, cups, and more.

Sculpture - You will have the opportunity to create sculptures. We will also explore the creation of 3 dimensional objects constructed from such materials as clay, papier Mache, plaster tape, creastone, cardboard and even actual objects. Origami will also be explored.

### **STEM—SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS**

1 Semester / .5 credit / Fee Required

This STEM class incorporates Science, Technology, Engineering, and Math projects for an integrated and creative approach to learning. This class will engage the student in deep learning across content areas and through multiple learning styles. Projects will include digital media, design, coding, animation, and 3D printing.

### **ACCOUNTING**

1 credit / Open to Juniors, Seniors / Fee Required

This course is especially designed to provide general vocational preparation for business. It meets the needs of those students who wish to use their accounting knowledge to help them get a major part of their duties. This course is also recommended for college-bound students planning to major in an area of business. A practice set where a student becomes the bookkeeper for a small business is part of this course.

### **INFORMATION TECHNOLOGY**

.25 credit / 9 Weeks / Fee required/ Mandatory for freshmen / freshman only

This course is designed to focus on enhancing your keyboarding & formatting skills, and creating electronic presentations/multimedia for high school, college, personal & business use. We will learn about the history of computers and networking, along with proper internet searching/usage & safety to develop a prosperous & knowledgeable cyber citizen.

### **INTRODUCTION TO BUSINESS**

1 credit / Open to all students / Fee Required

Objectives for this course are 1) to provide an overview of our business system 2) to study economic systems, economic decisions and business in the global economy 3) understand business organization and management (entrepreneurship, human resources & career planning) 4) develop knowledge of business operations and technology (marketing/management) 5) learn personal financial management skills (banking, credit & insurance). Students will complete a work simulation project where they will operate a small business.

### **PERSONAL FINANCE**

.5 credit / Open to Juniors, Seniors / Semester / Fee Required

Personal financial literacy is designed to help students learn and apply valuable life skills in money management, career planning, saving and investing, credit management & retirement planning.

### **CAREER BASED INTERVENTION (CBI)**

1 credit / Open to all students with teacher permission / yearlong / Fee Required

CBI is a career technical education program. The program's goals are to help students improve academic competence, graduate from high school, develop employability skills, and implement a career plan in preparation for postsecondary education and/or careers. The CBI program provides a combination of educational and work-based learning opportunities for students. Students must work a minimum # of hours per week in a place of employment inside (grades 9-10) or outside the school (grades 11-12). A job must be maintained throughout the entire school year to remain in the CBI program. Students will be required to enroll in an additional CBI related class each year that focuses on job, career, and life skills related instruction. Students must meet Career Based Intervention requirements for admittance into the program.

### **CBI RELATED I**

1 credit / Open to freshman and sophomores/ yearlong / Fee Required

CBI I is an introductory career technical education program design for students in grades 9-10. The focus of CBI Related I will be placed on life skills.

### **CBI I WORK LAB**

1 credit / Open to freshman and sophomores/ yearlong / Fee Required

Work experience will be provided through EPSCD and supervised by the CBI instructor. Students must work a minimum amount of hours per week to continue in the program.

### **CBI RELATED II**

1 credit / Open to juniors and seniors/ yearlong / Fee Required

CBI Related II is a career technical education program designed for students in grades 11-12. The focus of CBI Related II will be placed on examining topics & developing skills that will lead to success in the world of work.

### **CBI II WORK LAB**

1 credit / Open to juniors and seniors/ yearlong / Fee Required

Work experience in a place of employment outside the school. Students must work a minimum amount of hours per week to continue in the program.

### **COMPUTER APPLICATION I-II**

.5 credit each/ Semester / Fee Required

Students identify, evaluate, select, install, use, upgrade, and customize application software. Computer applications include word processing, database, spreadsheet, presentation, and calendaring/scheduling software. Content is based on National Business Education Association (NBEA) content standards. Students will have the opportunities to earn Microsoft Certification by preparing for and taking the Microsoft certification exams if they choose. This will include Microsoft programs such as Word, Excel, PowerPoint, etc.

### **SI SUPPORT**

1 credit / Open to all students in need of specialized instruction

This course is designed to provide academic support to students who struggle in the general education environment. This class time will provide opportunities for frontloading students with information that is relevant to the topics being discussed in their daily classes. This will also be an opportunity for review and remediation for students to maintain positive experiences in their core academic classes.

### **YEARBOOK**

1 credit / All Year / Prerequisite: Students must have maintained a C or better average in English the year prior to enrollment.

Students enrolled in this course will be preparing the student publication, The Ephanian. Requirements of this course include: after school participation selling advertisements to area businesses, designing pages, taking and preparing photos, copy and art work for the yearbook, and meeting deadlines. Students will be required to learn good copy writing skills and company specifications for printing. Grades are pass/fail and determined by participation, completion of deadline requirements and quality of work submitted. Participation on the yearbook staff will be limited by the advisor through a screening and application process.

### **JOURNALISM**

1 Credit / All Year / Prerequisite: Students must have maintained a C or better average in English the year prior to enrollment.

Students enrolled in this course will be preparing issues of the student publication, The Epic, and will be producing weekly interview segments for EPTV. Work for this class will include: selling advertisements to local businesses, writing newspaper articles, conducting interviews, planning page layouts, taking pictures, and meeting deadlines. Students may be required to work outside of class to meet publication deadlines.

### **EPTV**

1 Credit / all year / requirements defined in course description

This course is an advanced broadcasting class in which students will gain experience in broadcast journalism. Students will be exposed to filming, editing, software, communications, and general production management. Prerequisites for this course include one of the following: (1) student has been selected as a member of the East Palestine Chapter of National Honor Society (2) student has maintained a B or higher average in all previous English courses, has three teacher recommendations, and completed the application process and/or (3) student has passed Journalism I and has completed the application process. Acceptance into the EPTV course will be limited by the advisor through the application and screening process.

### **CHILD DEVELOPMENT**

.5 credit / Semester / Fee Required / Open to Sophomores, Juniors and Seniors

This course will thoroughly explore life from conception through childhood. We will study how developmental theory relates to a child's physical, intellectual, emotional and social development. This class will provide comprehensive information about children in order to better prepare students for hands-on experience as a parent or caregiver. Students will also gain experiences in the responsibilities of parenthood including financial planning, nurturing a child and much more. In addition, students will have the opportunity to attain real-life experiences with pregnancy and raising children by participating in the

Empathy Belly Experience (mandatory for the course grade) as well as “Tiny Tot Days”. During these days, students will be able to work with children from the community and explore the individualities of these children. They will do this at the closing of each developmental stage we study to synthesize the material we cover and apply it to real world applications using written reports. I

### **GLOBAL FOODS**

.5 credit / Semester / Fee required / Prerequisite: Principles of Nutrition and Wellness. Open to sophomores, juniors and seniors

In this course, students will compare cuisines, ingredients, and preferred cooking methods of various cultures. They will also explore the history of these cultures as it relates to food and a healthy lifestyle. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation and presentation of food dishes.

### **PRINCIPLES OF NUTRITION AND WELLNESS**

.5 credit / Semester / Fee required / Open to Sophomores, Juniors and Seniors

Throughout this course, we will explore the many aspects of healthy living including the importance of food safety and sanitation, proper nutrition practices, and regular physical activity. A few examples of the units we will be covering in this course include the study of kitchen practices that are both safe and sanitary to everyone involved, planning and preparing many nutrient rich recipes and examining why they are nutritious, examining different weight loss/gain strategies, analyzing our own personal nutrition in relation to the standards set forth by MyPlate.

### **FRESHMAN FOCUS**

.25 credit / Fee required / Mandatory for freshmen / freshman only

In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, and communication and leadership skills. Additional topics will include time management skills, study skills, goal setting, technology etiquette and career planning as it pertains to academic and career success.

### **INTERIOR DESIGN, FURNISHINGS, AND MANAGEMENT**

.5 credit / Semester / Fee required / Open to Juniors and Seniors

In this course, students will examine design elements and principals used in residential interiors. An emphasis will be placed in incorporating anthropometrics, ergonomics, and psychological responses in designs and furnishings. Students will also examine style and architecture of homes that are common throughout history. Additional topics will include the selection and organization of furnishings, floors, and wall coverings in living spaces, kitchens and bathrooms.

### **BULLDOG CAFÉ**

.5 credit / Semester / Open to Juniors and Seniors / Application and interview process required

This course will act as an introduction into restaurant career exploration. Students will develop skills in professionalism, leadership and communication, as applied to entrepreneurship, to succeed in educational

and professional settings. Students will be required to serve in a role where they act in a professional capacity as an entrepreneur and business person, applying knowledge of food preparation and presentation, and running a successful Café'. During class periods, students will plan and prepare nutrient rich breakfast and drink options and act in a sales position to sell their items before the school day begins.

### **SPANISH 1 \***

1 credit / Prerequisite: Teacher recommendation

Students learn to communicate in the Spanish language with a strong focus on writing and speaking. Students will also learn about Hispanic cultures and their effect on the language. Vocabulary and basic grammar structures are stressed in this honors elective.

### **SPANISH 2 \***

1 credit / Prerequisite: successful completion of Spanish 1

Students will continue learning communication skills in Spanish. Students read, write and speak at a more advanced level than Spanish 1. Hispanic cultures are explored through short stories. There is a strong grammar focus in this honors elective.

### **SPANISH 3 \***

1 credit / Prerequisite: successful completion of Spanish 2

Students are expected to use the Spanish language more fluently in conversation and compositions. Reading and writing are emphasized as students explore grammatical structures in greater depth. Students read a chapter book in Spanish. Students focus on Mexican history in this honors elective.

### **SPANISH 4 \***

1 credit / Prerequisite: successful completion of Spanish 3

Students expand upon and fine-tune knowledge of the Spanish language and cultures. Students learn more advanced grammatical structures and vocabulary. Speaking, reading and writing skills are heavily addressed in this honors elective. Students are expected to communicate daily in Spanish.

### **BAND**

1 credit / Fee Required / Prerequisite: middle school band or instructor permission required

This course is open to all students who play wind and percussion instruments. A reasonable amount of proficiency on an instrument is necessary and an audition for all students is required. Band begins rehearsing on a daily basis several weeks before the opening day of school and ends after the last scheduled performance. Participation in parades, football games, in-school concerts, band camp, public concerts and music contests scheduled by the band director will be required. Students will be graded on attendance and personal performance both in daily rehearsals and performances. Since performance is a vital part of the band program, attendance at all practices and performances is required. Attendance is part of the grading scale.

### **HONORS BAND**

1 credit / Fee required / Prerequisite: middle school band or instructor permission required, enrollment in at least one other Honors course

This course is open to all students who play wind and percussion instruments. A considerable amount of proficiency on an instrument is necessary and an audition for all students is required. Honors Band begins rehearsing on a daily basis several weeks before the opening day of school and ends after the last scheduled performance. Participation in parades, football games, in-school concerts, band camp, public concerts and music contests scheduled by the band director will be required. Students will be graded on attendance and personal performance both in daily rehearsals and performances. Since performance is a vital part of the band program, attendance at all practices and performances is required. Attendance is part of the grading scale. Additional coursework that looks to extend the learning of musical content on behalf of students will be instituted.

Note: Although not required, it is recommended that majorettes/color-guard members be full-time band members and select band as a full-year course. During the concert season, the band may be divided into two separate bands - symphonic and concert. Auditions will determine placement into the two bands.

### **COLOR GUARD**

.25 credit / Open to non-band members / Fee Required

This course is for students selected in tryouts to perform routines with the marching band. Students are required to attend band camp and to practice several weeks before the opening day of school and 2 or 3 nights a week through football season. Attendance is also mandatory at all marching band performances. In that performances extend through the school year, final credit and grades will not be assigned until the end of the year. Color guard should select band if they are current members of the band.

### **CHORUS**

1 or .5 credit / open to all students / all year or semester

This performing ensemble, meeting every day all year, is open to all students who are interested in learning to sing choral and solo music. Students will develop proper singing technique and general musicianship, such as reading musical notation and ear training. Students will be graded on attendance and personal performance both in daily rehearsals and scheduled performances. Since performance is a vital part of the choral program, attendance at all rehearsals and performances is required. (In some cases of schedule conflicts, approval may be given to be scheduled every other day—all year.)

### **PHYSICAL EDUCATION 1**

.25 credit / open to all students

This course is designed to acquaint high school students with a variety of personal fitness activities, individual sports, team sports, and knowledge of exercise concepts. Emphasis is on team and individual sports that can be used later on in life of the student. Basic fundamentals, rules, and skills will be taught for each sport or activity. Topics covered will be volleyball, badminton, floor hockey, flag football, soccer, basketball, ultimate Frisbee, fitness concepts, and dance activities.

### **PHYSICAL EDUCATION 2**

.25 credit / open to all students

This course is designed to acquaint high school students with a variety of personal fitness activities, individual sports, team sports, and knowledge of exercise concepts. Emphasis is on team and individual sports that can be used later on in life of the student. Basic fundamentals, rules, and skills will be taught

for each sport or activity. Topics covered will be basketball flag football, whiffle ball/softball, track and field events, team handball, cricket, pickle ball, tennis, fitness concepts, and team building activities.

### **FITNESS FOR LIFE**

.25 credit / open to all students

This course will focus on a variety of aerobic activities, anaerobic activities, strength building activities, and lifetime activities that will help students maintain a healthy level of fitness now and in the future. Students will learn how to set exercise goals and how to plan to reach these goals. Activities may include walking, jogging, dance aerobics, aerobics, exercise videos, Zumba, stretching, weight training, core training, strength training, circuit training, plyometrics, tae-bo, yoga, ladder golf, corn hole, Frisbee, bowling, and other individual activities. Students will also learn about general fitness principles.

### **WEIGHT TRAINING**

.25 credit / Open to all students/ Can be used as the second required physical education course

This course, which applies toward physical education credit, emphasizes lifting techniques, strength training, and general physical conditioning. Sophomores may select this offering in place of the required physical education course.

### **PHYSICAL EDUCATION ASSISTANT**

.25 credit / Prerequisite: .5 credit of Physical Education

This is a one period course offered one semester to junior or senior boys and girls. Students will be selected in the fall of the new school year by the physical education instructor(s). Selected students will be given credit under the independent study provisions of the educational option program.

### **HEALTH**

.5 credit / Fee Required/ Requirement for freshmen

This course is a requirement for graduation where the objective is to develop an understanding and appreciation of the body's functions both psychologically and physically. Emphasis will be placed on emotional growth, proper nutrition, communicable/non-communicable diseases, and trouble areas pertinent to the teenage years such as: dating violence, alcohol, drugs, and tobacco. Students will be given an overview of some of the basic first aid procedures and will also be exposed to CPR, basic anatomy and body systems.

### **WORLD GEOGRAPHY**

1 credit / Open to students in grades 11 - 12

This non-weighted elective course will cover basic concepts in geography and will include the study of the continents and regions of the world and how they form a global community.

### **PSYCHOLOGY \***

1 credit / Open to juniors and seniors / teacher recommendation

This elective course is strongly recommended for students who plan to pursue careers in fields such as nursing, teaching, business and law. Students studying psychology will learn how psychologists study

human behavior and how psychology influences relationships. The psychology student should be motivated to share insights, opinions and knowledge in a class and small group setting. This is an honors-level course.

### **CONTEMPORARY WORLD HISTORY**

.5 credit / Open to students in grades 11 - 12

This semester course is a study of the contemporary world including current events. Students will be expected to keep abreast of current news on a national, international, and local basis.

### **HISTORY OF SPORTS & SOCIAL ISSUES**

.5 credit / semester class / parental permission / grades 11— 12

This course will cover the history of baseball, football and basketball at the professional and collegiate levels. If time permits, other sports will be included. These will be intertwined with their impact on WWII, civil rights, Vietnam, counterculture, the 1970s-present including the PED Era. The effects of culture, rules, and uniform and style changes will also be analyzed. Use of teacher-owned video, internet research, YouTube video and music will also be used to enrich student comprehension. \*Parental permission needed due to the above content [TV 14 or PG13] ratings based on some language and racial slurs.

### **ROBOTICS**

1 credit / yearlong /grades 11-12

In this course, students explore the integration of basic science and math principles by creating computer programs that enable robots to react to their environment and perform autonomous missions. They build teamwork and problem solving skills as they deepen their learning in the areas of project planning and organization, research, iterative development, wireless communication, and programming logic.

### **DIGITAL ART & MEDIA**

.5 Credit / semester /open to all students

This class is designed for students that have a background in digital photography and are interested in further expanding their artistic development through technology and art. Basic digital photography and photo editing skills will be used to create synthesized images. Students will learn how to creatively manipulate these images with alternative photographic processes in order to transform them into original works of mixed media art. The historical development of digital media and its place in a changing society will be examined. Students will experiment with themes in art to develop and apply their own personal and creative style as they build a portfolio of work. Coursework will include: various advanced image processing and manipulation techniques, inclusion of three dimensional elements; and media explorations and methodology to combine these images with traditional art mediums.

### **JAZZ BAND & PERCUSSION**

1 Credit / Repeatable / open to all music department students

Jazz Band is an advanced ensemble that focuses on jazz, blues and rock repertoire. A complete schedule of rehearsals and performances will be published before the school year begins. Due to the number of participants, players may be assigned to play parts on a rotation, as needed. Attendance at all rehearsal

and performances is mandatory to receive full course credit.

## CAREER AND TECHNICAL EDUCATION

### **Columbiana County Career & Technical Center (CCCTC) - Course Offerings**

The Columbiana County Career & Technical Center offers several career pathways or vocational education programs. The purpose of these vocational programs is to provide in-depth training in a skill or trade that could lead to potential job placement. Placement in a Tech Prep program could continue training opportunities at the post-secondary level. For further description of the following programs, see your guidance counselor. Students must have earned eight (8) total high school credits in order to be eligible to attend the Columbiana County Career and Technical Center. Upon admittance, students who have eight (8) credits and are deficient in other core area credits will have the opportunity to schedule virtual classes for credit recovery in those areas.

### **INTERACTIVE MEDIA TECH PREP**

Students develop computer-based artistic talents and utilize drawing and musical talent to produce products for business, training, entertainment, communications and marketing. Skills and knowledge developed in this program include photography, video, animation (3-D model creation and introduction to game development), desktop publishing, layout and design using the Adobe Creative Suite on the Mac platform.

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>● 10 hour OSHA certification</li> <li>● web page design and management</li> <li>● digital imaging</li> <li>● creation of presentations using graphics and sound</li> <li>● creation of 3-D models</li> <li>● development of animated characters</li> <li>● creation of advertising and promotional materials</li> </ul> | <ul style="list-style-type: none"> <li>● video production</li> <li>● utilization of color, design, and typography</li> <li>● creation of sound tracks</li> <li>● PC and iMac platforms</li> <li>● audio/visual production</li> </ul> |
|--|--|

Recommended:

- good communication skills
- artistic and/or musical background
- keyboarding
- introduction to computer skills

Further educational opportunities:

- articulation agreement with Youngstown State University, Pittsburgh Technical Institute, ITT Technical Institute, Jefferson County Campus of Eastern Gateway Community College, The Art Institute of Pittsburgh

Career opportunities:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>● animator</li> <li>● visual design consultant</li> <li>● video specialist</li> <li>● audio/visual specialist</li> <li>● artist</li> <li>● 3-D designer</li> </ul> | <ul style="list-style-type: none"> <li>● web designer</li> <li>● graphic designer</li> <li>● imaging specialist</li> <li>● cartoonist</li> <li>● interactive digital media specialist</li> </ul> |
|---|--|

Academic classes:

Interactive Media students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level I

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Chemistry
- Government

Second year/Level II

- English 12
- Math (Algebra II, Geometry, or Advanced Math)
- Physics
- Economics/Global Studies

## **INFORMATION TECHNOLOGY ACADEMY**

The purpose of the Information Technology Academy is to train students for entry-level computer support position. Students will develop skills applicable to small to middle size offices and to self-employment. Students will have skills that, with further training, could be used to gain other certification.

- office applications including word processing, databases, graphics, desktop publishing, and the Internet
- use, configure, troubleshoot and install networks, software and hardware
- research computer problems, provide computer support and learn new computer applications
- help other computer users, develop training and maintenance plans

Career opportunities:

- Computer network administration such as system administrators, computer programmer, database administrator, Microsoft Office trainer, customer service representatives, help desk technicians, technical support specialists

Further educational opportunities:

- articulation agreement with Kent State University Salem and East Liverpool campuses, Pittsburgh Technical Institute, Jefferson County Campus of Eastern Gateway Community College, Youngstown State University, ITT Technical Institute, and Stark State College of Technology

Academic classes:

Information Technology Academy students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level I

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Chemistry
- Government

Second year/Level II

- English 12
- Math (Algebra II, or Advanced Math)
- Physics
- Global Studies

## **COSMETOLOGY**

Upon successful completion of this two-year program students are eligible to take the State Board of Cosmetology Exam to gain certification and licensing by the State of Ohio.

- Haircut and Styling Services
- Chemical Services
- Nail Services
- Skin Services
- Business Services

Students will participate in Skills USA, a national youth organization that promotes leadership and personal development. College credit granted upon enrollment at postsecondary institutions upon meeting specific requirements.

## **LODGING SERVICES**

Students learn how to successfully perform as an important team member in the areas of customer service within a lodging setting. Student hands on experiences will build competencies in the areas of facility care, environmental services, sanitation services, and other duties consistent with customer hospitality and its support. These competencies will provide a foundation for a rewarding and successful career in the lodging industry.

- opportunity for 10 hour OSHA certification
- facility care (housekeeping and light maintenance)
- hospitality support services (facility setup and customer service support)
- environmental services (laundry and linens)
- customer relations
- sanitation services

Recommended:

- good attendance and punctuality
- good work habits
- interest in providing quality customer service in a business setting
- ability to positively respond to supervision
- willingness to work as a team member
- willingness to communicate with others
- willingness to pursue on-the-job training in a facility or business

Career opportunities:

- |                    |                        |
|--------------------|------------------------|
| ●House Person      | ●Bell Person           |
| ●Room Attendant    | ●Food Service Aide     |
| ●Laundry Attendant | ●Dining Room Attendant |
| ●Facility Setup    | ●Dishroom Operator     |

Academic classes:

Lodging services students are strongly encouraged to enroll in the following academic curriculum or its equivalent during the two years of the program.

First Year/Level I

- English 11
- Math (Algebra I, Algebra II or Geometry)
- One credit of Physical Science (such as Chemistry)
- Government

Second Year/Level II

- English 12
- Math (Algebra II, Geometry or Advanced Math)
- One credit of Life Science (such as Advanced Biology)
- Economics/Global Studies

## CULINARY CAREERS/HOSPITALITY MANAGEMENT

Students are introduced to commercial food operations, the restaurant, and the hospitality management field through hands-on, real-world instruction. Level II students manage the CCCTC's active restaurant, The Covered Bridge.

- 10 hour OSHA certification
- identification and use of all utensils, tools, and equipment
- total back-of-the-house operations
- purchasing and inventory control
- food production – cooking and serving
- cost control and cost analysis

Recommended:

- basic science skills
- good communication skills

Further educational opportunities:

- on-the-job training in industry, the military and the private sector
- culinary institutions leading to master chef credentials
- management careers in all phases of the hospitality industry
- two and four-year degrees in hospitality management

Career opportunities:

- |                            |                  |
|----------------------------|------------------|
| ● hotel management         | ● executive chef |
| ● banquet/catering manager | ● sous chef      |
| ● hospitality sales        | ● pastry chef    |

Academic classes:

Culinary Careers/Hospitality Management students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level one

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Chemistry
- Government

Second year/Level two

- English 12
- Math (Algebra II, Geometry, Advanced Math)
- Advanced Biology
- Economics/Global Studies

## VETERINARY SCIENCE TECHNOLOGY

Students will learn animal physiology, animal handling and examination skills, administrative and clinical procedures and client reception etiquette. Students will demonstrate management practices for the care and management of animals. This two-year course prepares students for an entry level position as a veterinary aide, veterinary assistant or veterinary office worker.

- 10 hour OSHA certification
- animal physiology
- animal handling and examination skills
- administrative and clinical procedures

- client reception/etiquette
- veterinary computer technology
- laboratory techniques

Recommended:

- likes working with animals
- likes working with people
- good communication skills
- biology and algebra
- office skills

Further educational opportunities:

- two or four year degree in veterinary technology
- registered veterinary technician

Career opportunities:

- veterinary office worker
- veterinary assistant
- research lab technician
- zoo veterinary assistant

Academic classes:

Veterinary Science Technology students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level I

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Chemistry
- Government

Second year/Level II

- English 12
- Math (Algebra II, Geometry, Advanced Math)
- Advanced Biology
- Economics/Global Studies

## PRE-ENGINEERING TECHNOLOGY

This program is designed for students that have good math and science backgrounds and have an interest in how things are created. Engineers are responsible in some way for every product we use. In Pre-Engineering, the student will learn how to create and build some of these products in a hands-on approach. The course starts with computer-aided design, and then progresses to real-world engineering applications of electronics and manufacturing processes. This career path is highly recommended for students planning to study engineering in college.

- 10 hour OSHA certification
- principles of engineering
- introduction to engineering design
- digital electronics
- computer integrated manufacturing
- engineering design and development
- demonstrate effective communications
- demonstrate skills necessary to work in teams
- materials joining

**Recommended:**

- good communication skills
- algebra, geometry, trigonometry
- science
- computer design
- modeling

**Further educational opportunities:**

- two or four-year degrees in engineering technologies, manufacturing technologies, power technologies, computer design, robotics or engineering
- 8 college credit articulation with Youngstown State University

**Career opportunities:**

- Two-year degree – engineering technician
- Four-year degree – engineer

**Academic classes:**

Pre-engineering Technology students are required to enroll in the following academic curriculum during the two years of the program.

**First year/Level**

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Chemistry
- Government

**Second year/Level II**

- English 12
- Math (Algebra II, Geometry, /Advanced Math)
- Physics
- Economics/Global Studies

**TEACHING PROFESSIONS**

This teacher preparation program provides qualified high school students a head start on a successful career path to teaching. Teacher preparation is a partnership among high school/secondary schools, post-secondary institutions and the Ohio Department of Education. Completion of the program may lead to college credits. An articulation agreement exists with Youngstown State University and Eastern Gateway Community College.

- The Foundations of Education
- Learning Theory
- Teaching Strategies
- Communication Skills
- Practical Field Experience
- Development of a Professional Portfolio

**Helpful Background:**

- Good Communication Skills
- Desire to affect the Lives of Children and Adolescents
- Teamwork Skills
- College Preparatory Course Work

**Further Educational Opportunities:**

- Enroll in a Teacher Education Program at a University Level

Career Opportunities:

- Elementary, Middle or Secondary Teacher
- Teacher's Aide/Para-Educator
- Classroom Tutor
- College Credit Articulation Agreement with Jefferson Community College

Academic Classes:

Career Path for the Teaching Profession students will follow the academic curriculum below during the two years of the program.

- English 11
- Math (Pre-Algebra, Algebra I, Algebra II, or Geometry)
- Anatomy
- Government

Program Locations: Beaver Local High School and Columbiana Exempted Village High School

## **PUBLIC SAFETY SERVICES**

The Public Safety Services Program features Firefighter and Emergency Medical Technician training. The firefighter program emphasizes the skills required in firefighting, rescue, and hazardous materials incident management. The EMT program teaches pre-hospital care of the sick and injured and prepares the student for state certification testing. Both programs include elements of safety, physical fitness, human relations, and ethics in public service.

Possible certifications include:

- Emergency medical technician—Basic
- Firefighter certification
- HAZMAT Awareness
- CPR
- Cardiopulmonary Resuscitation

Subjects you may study include:

- Fire Science
- Fire Investigation
- Hazardous Materials
- Incident Command
- Physical Fitness
- Anatomy and Physiology
- Pre-hospital Care of the Sick and Injured
- CPR

Career Opportunities:

- Airport security screener
- Emergency services dispatcher
- Certified security officer
- Firefighter
- Private/Public Emergency Medical Technicians
- Prepare for college law enforcement program
- Prepare for Police Academy
- Prepare for the military

First year/Level I

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Anatomy or Chemistry
- Government

Second year/Level II

- English 12
- Math (Algebra II, Geometry, Advanced Math)
- Physics
- Global Studies

**CONSTRUCTION TECHNOLOGY**

The Construction Technology lab is a NCCER (National Center for Construction Education and Research) accredited training and education facility.

Students in the Construction Technology program can arm themselves for success as they learn various aspects of residential and industrial construction, and gain exposure to a number of trade areas. Students will complete projects in the lab and on/off campus job sites as they learn marketable building skills. Students will experience the fields of masonry, concrete, carpentry, electricity, and plumbing and get an introduction to heavy equipment operation. They will use hand and power tools that are used in the construction industry to work with wood, metal, plastic, and concrete.

- Layout and roughing in of a house.
- Wiring and plumbing a house to code.
- Learn masonry foundation and concrete work.
- Hang drywall and learn finish carpentry.
- Hang windows and doors.
- Learn the safe and proper use of hand and power tools.
- Learn painting techniques.
- Learn about roof structures

Students will participate in Skills USA, a national youth organization that promotes leadership and personal development. College credit granted upon enrollment at postsecondary institutions upon meeting specific requirements.

**WELDING & FABRICATION**

Students will learn the fundamentals for SMAW (Shielded Metal Arc Welding or Stick Welding), MIG (Gas Metal Arc Welding), TIG (Gas Tungsten Arc Welding), and FCAW (Flux Core Arc Welding) welding. They will also receive additional training in metallurgy, blueprint reading and fabrication techniques including aluminum, stainless steel and all mild steel. Students learn basic machining skills and use the CNC plasma cutter. Students design their own parts using specialized software and then fabricate them. Level II students can take the AWS certification test and may earn national certification through NCCER. All students become members of the American Welding Society.

Materials joining concepts will supplement lab activities and will be delivered to enhance training and developing additional competencies.

- 10 hour OSHA certification
- Forklift - certification
- Welding safety
- Operation of welding/fabrication equipment

Training areas include:

- shop prints

- shielded metallic arc welding
- metal inert gas welding
- oxy-acetylene welding/cutting

Filling skills include:

- Basic machine skills
- Lathe
- Mills
- CNC plasma cutter operation and programming

Career opportunities:

- Combination welder, fabricator/fitter, welding sales, mill wright, pipe fitter/welder, shop foreman, self-employed business operator

Academic Classes:

Welding and Fabrication students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level I

- English 11
- Math (Algebra I, Algebra II or Geometry)
- Chemistry
- Government

Second year/Level II

- English 12
- Math (Algebra II, Geometry or Advanced Math)
- Physics
- Economics/Global Studies

## **AUTO COLLISION REPAIR**

Career opportunities: Service Writer, Detailer, Collision Repair Technician, Refinish Technician, Parts Manager, and Parts Estimator.

The high-demand auto collision repair field will teach students that enjoy working with their hands, that take pride in their work and that are passionate about cars to complete minor to extensive body repair work on a variety of vehicles. Repairing a damaged vehicle is a fascinating mixture of art and science combined with the use of specialized equipment and the skills of the technician. Students will learn welding, auto detailing, basic metal straightening, metal filing, sanding, refinishing, glass replacement, refinishing trim and hardware, and removing and replacing parts. Students also work on customizing vehicles and paint.

- Repair dents, construct panels for patching, replace body sheet metal parts, bumpers and grilles.
- Repair metal, refinish, remove, and replace body parts.
- Basic custom painting and air brushing.
- Cost estimating, body filler applications, and body and frame construction.
- Apply automotive finishes

Students will participate in Skills USA, a national youth organization that promotes leadership and personal development.

College credit granted upon enrollment at postsecondary institutions upon meeting specific requirements.

## **AUTO TECHNOLOGY**

Students earn a one-year credit towards the Automotive Service Excellence (ASE) Certification.

With integrated electronic systems and complex computers running today's automobiles, auto technicians have become diagnostic, high-tech problem solvers. They must be able to utilize new electronic diagnostic equipment as well as traditional hand tools to inspect, maintain and repair automobiles. They must also have good reasoning skills and a thorough knowledge of the automobile as well as be able to work with digital manuals and reference materials. Opportunities are best for those who complete postsecondary automotive training programs.

- Basic automotive service skills
- Preventive maintenance and vehicle balancing
- Front end alignment and suspension and steering
- Brake service
- Engine performance and electrical
- SP2 - safety and Pollution prevention

Students will participate in Skills USA, a national youth organization that promotes leadership and personal development.

College credit granted upon enrollment at postsecondary institutions upon meeting specific requirements.

### **HEALTH ACADEMY TECH PREP**

Students are provided training that will prepare them for careers in health care and prepare them to be successful as they further their education in college or other training institutions. They will study phlebotomy, electrocardiogram and nurse assistant practices.

- 10 hour OSHA certification
- anatomy and physiology
- diseases and treatments
- medical terminology
- workplace skills
- safety skills
- first-aid and CPR

Recommended:

- caring attitude
- good communication skills

Further educational opportunities:

- STNA ready for certification
- EKG ready for certification
- CPR and First Aid certified
- Phlebotomy ready for certification
- 11 college credit articulation agreement with Youngstown State University and Jefferson County Campus of Eastern Gateway Community College
- two or four-year degrees in health care industry
- Anatomy/Physiology, Medical Terminology courses waived and \$1000 off tuition through CCCTC Adult Education, School of Practical Nursing

Career opportunities

- patient care technician
- phlebotomist

●nurse assistant

●emergency medical technician

Academic classes:

Health Academy students are required to enroll in the following academic curriculum during the two years of the program.

First year/Level I

- English 11
- Math (Algebra I, Algebra II, or Geometry)
- Anatomy
- Government

Second year/Level II

- English 12
- Math (Algebra II, Geometry, or Advanced Math)
- Chemistry
- Economics/Global Studies

## Regulations

- 1.) Students will be governed by rules and regulations of East Palestine High School as well as those of the Columbiana County Career and Technical Center, the school in attendance. These include such things as East Palestine's regulations on graduation requirements, scheduling, grade classification, attendance, driving, behavior, grading, athletics, etc.
- 2.) Bus transportation will be provided to the Columbiana County Career and Technical Center in Lisbon for full and half day programs. A student may drive to Lisbon if the following requirements are met:
  - A.) He/she has proof of liability insurance
  - B.) He/she has completed the necessary forms required by CCCTC and EPHS
  - C.) He/she receives driving permission from CCCTC and EPHS
- 3.) Students in this program will attend school according to the calendar and time schedule of the school in attendance.
- 4.) After school extracurricular activities such as athletics, clubs and class activities will be available to students at EPHS.
- 5.) Schedule changes will not be made except in accordance with the established policies of East Palestine High School and the Columbiana County Career and Technical Center.