

# Tecumseh High School



## Academic Planning Guide 2021 / 2022

## **Tecumseh Local Schools**

### **Vision Statement**

“Learning for all – whatever it takes”

### **Mission Statement**

Tecumseh Local Schools is the driving force behind a community of diverse and proudly connected Arrows. We are relentless learners who strive to become better tomorrow than we were today”

## **Tecumseh High School**

**9830 W. National Rd.**

**New Carlisle, Ohio 45344**

### **Mission Statement**

Our mission is to provide diverse educational opportunities for all students. We, in partnership with the community, strive to provide a safe challenging learning environment to develop responsible lifelong learners in our ever-changing technological society.

### **Main Office**

Phone: 937-845-4500 Fax: 937-845-4547

Principal: Aaron Oakes

Assistant Principal: Mike Foster

Assistant Principal: Chris Hauf

Athletic Director: Craig Eier

Secretary: Michele Lucas

Secretary: Carol Fiorita

Attendance Secretary: Kary Burlile

### **Guidance Office**

Phone: 937-845-4513 Fax: 937-845-3502

A-F School Counselor: Suzanne Massie

G-N School Counselor: Gretchen Perkins

O-Z School Counselor: Kristie Talley

Guidance Secretary: April Lowrey

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### Recommended Progression of Required Courses:

Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics
Physical Science	Biology	Science	
World History	American History	Government	

*Required personal finance, health, and PE courses may be scheduled at any time during grades 9-12, although it is recommended that they be completed in grades 9 and 10. A study hall each year is also recommended. Only one study hall per semester is allowed.*

To move to grade 10	To move to grade 11	To move to grade 12	To graduate
Earn 4.5 credits	Earn 11 credits	Earn 16 credits	Earn 21 credits

### Tecumseh High School Graduation Requirements

Requirements for high school graduation from Tecumseh High School consist of a minimum of 21 credits, which must include the following:

Subject	Credits
English	4.0
Mathematics	4.0
Science (including a Physical Science and a Life Science course)	3.0
Social Studies	3.0
Health	.5
Physical Education (may be waived -see pages 12-15 for details)	.5
Personal Finance	.5
Electives	5.5

*Remember that the stated requirements are to be considered the bare requirement for graduation. Most students graduate with more than the minimum credits.*

### Ohio Graduation Requirements

In addition to earning credits, students must demonstrate competency and readiness for a job, college, military, or a self-sustaining profession. Additional information for the **Class 2022** is on pages 5 and 6. For the **Class of 2023 and beyond**, additional information can be found on pages 7 and 8.

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# Ohio's High School Graduation Requirements

## Classes of 2021 and 2022

It's Your **Future.** Get **Ready.**

**Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.**

As a student entering ninth grade between **July 1, 2017** and **June 30, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

## Cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

**Tecumseh requires 21 credits to graduate.**

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

### Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

**THS students are required to take personal finance.**

You have the option to show you are ready by meeting the **original three graduation pathways** below that were available when you entered high school.

## Show you are ready

Use at least one pathway to show that you are ready for college or a job.

### 1. Ohio's State Tests

Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:

**Algebra I or Integrated Math I**  
**Geometry or Integrated Math II**  
**American Government**  
**American History**

**English I**  
**English II**  
**Biology**

Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies. Your school and district receive grades on the Ohio School Report Cards for all students' scores and participation on state tests.

OR

### 2. Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

OR

### 3. College and career readiness tests

Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT.

The Ohio Department of Higher Education works with Ohio's universities to set the remediation-free scores for the ACT and SAT tests. Periodically, for a variety of reasons, these scores may be adjusted. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. The most up-to-date information regarding remediation-free scores can be found on the Department's graduation requirements webpage.

**OR**

(see reverse side)



You can meet **new requirements** by demonstrating competency and readiness for a job, college, military or a self-sustaining profession.

## Show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

**Is testing not your strength?** After you have taken your tests, there are three additional options to show competency!

### Option 1.

#### **Demonstrate Two Career-Focused Activities\*:**

##### **Foundational**

Proficient scores on WebXams  
A 12-point industry credential  
A pre-apprenticeship or acceptance into an approved apprenticeship program

##### **Supporting**

Work-based learning  
Earn the required score on WorkKeys  
Earn the OhioMeansJobs Readiness Seal

\*At least one of the two must be a Foundational skill

### Option 2.

#### **Enlist in the Military**

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

### Option 3.

#### **Complete College Coursework**

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

# AND

## Show readiness

See pages 9 and 10 for additional information.

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

**At least one of the two must be Ohio-designed:**

- |   |  |
|---|--|
| <input type="checkbox"/> OhioMeansJobs Readiness Seal (Ohio)        | <input type="checkbox"/> Honors Diploma Seal (Ohio)            |
| <input type="checkbox"/> Industry-Recognized Credential Seal (Ohio) | <input type="checkbox"/> Seal of Biliteracy (Ohio)             |
| <input type="checkbox"/> College-Ready Seal (Ohio)                  | <input type="checkbox"/> Technology Seal (Ohio)                |
| <input type="checkbox"/> Military Enlistment Seal (Ohio)            | <input type="checkbox"/> Community Service Seal (Local)        |
| <input type="checkbox"/> Citizenship Seal (Ohio)                    | <input type="checkbox"/> Fine and Performing Arts Seal (Local) |
| <input type="checkbox"/> Science Seal (Ohio)                        | <input type="checkbox"/> Student Engagement Seal (Local)       |



**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](https://education.ohio.gov/graduation)



## Ohio's High School Graduation Requirements Classes of 2023 and Beyond

It's Your **Future.** Get **Ready.**

**Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.**

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

### First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

**Tecumseh requires 21 credits to graduate.**

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

#### Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

**THS students are required to take personal finance.**

### Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

**Is testing not your strength?** After you have taken your tests, there are three additional ways to show competency!

#### Option 1.

##### Demonstrate Two Career-Focused Activities\*:

###### Foundational

Proficient scores on WebXams  
A 12-point industry credential  
A pre-apprenticeship or acceptance into an approved apprenticeship program

###### Supporting

Work-based learning  
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

#### Option 2.

##### Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

#### Option 3.

##### Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

\*At least one of the two must be a Foundational skill



**Third, show readiness**

See pages 9 and 10 for additional information.

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

**At least one of the two must be Ohio-designed:**

- ☐ OhioMeansJobs Readiness Seal (Ohio)
- ☐ Industry-Recognized Credential Seal (Ohio)
- ☐ College-Ready Seal (Ohio)
- ☐ Military Enlistment Seal (Ohio)
- ☐ Citizenship Seal (Ohio)
- ☐ Science Seal (Ohio)
- ☐ Honors Diploma Seal (Ohio)
- ☐ Seal of Biliteracy (Ohio)
- ☐ Technology Seal (Ohio)
- ☐ Community Service Seal (Local)
- ☐ Fine and Performing Arts Seal (Local)
- ☐ Student Engagement Seal (Local)

**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation)





## Class of 2023 and beyond (and an alternative to the Class of 2022)

Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. Students are encouraged to pursue seals that meet their individual interests and skills.

Please visit the [Ohio Department of Education website](#) for the most current information.

State-Defined Diploma Seals	Requirements
<b>Military Enlistment Seal</b>	Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces or Participate in an approved JROTC program.
<b>Technology Seal</b>	A student can: <ol style="list-style-type: none"> <li>1. Earn a score that is at least equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate exam;</li> <li>2. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program, or</li> <li>3. Complete a course offered through the district or school that meets guidelines developed by the Department. (A district or school is not required to offer a course that meets those guidelines.)</li> </ol>
<a href="#"><u>Industry-Recognized Credential Seal</u></a>	Earn a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field.
<b>Citizenship Seal</b>	A student can: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on both the American history and American government end-of-course exams;</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement or International Baccalaureate exams; or</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in appropriate classes taken through the College Credit Plus program.</li> </ol>
<a href="#"><u>Ohio Means Job Readiness Seal</u></a>	Meet the requirements and criteria established for the readiness seal, including demonstration of work-readiness and professional competencies.
<a href="#"><u>State Seal of Biliteracy</u></a>	Meet the requirements and criteria, including proficiency requirements on assessments in a world language and English.
<b>College-Ready Seal</b>	Earn remediation-free scores on the ACT or SAT. Visit the Ohio Department of Education’s website to see current <a href="#"><u>remediation-free scores</u></a>
<b>Science Seal</b>	A student can: <ol style="list-style-type: none"> <li>1. Earn a score of proficient or higher on the biology end-of-course exam;</li> <li>2. Earn a score that is at least equivalent to proficient on appropriate Advanced Placement exams; or</li> <li>3. Earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program.</li> </ol>
<b>Honors Diploma</b>	See page 11 for details

Locally Defined Diploma Seals	Requirements
<b>Community Service Seal</b>	<p>To earn this seal, students must complete 60 hours of community service over four years.</p> <ul style="list-style-type: none"> <li>- Prior approval by School Counselor and Principal</li> <li>- Pre-approved Community Service: Latchkey, Foodbank, Mobile Food Truck, Lesotho Food Packing, Arrowthorn, PTO Festival, Volunteer at Band Showcase or THS Sporting Events, Tecumseh Strong Events, Election Precinct Workers, Junior Optimist Club, Air Force Marathon</li> <li>- Any community service must be signed by Community Service Organizer</li> <li>- Except for Election Precinct workers and days when school is not scheduled, community service hours must be completed outside the normal school day.</li> <li>- Students must participate in an exit interview at the completion of the Community Service Project. Exit interviews will be conducted by school personnel.</li> <li>- Hours completed for Government Class, NHS (except for meetings), and ROTC can be applied to Community Service Seal.</li> <li>- Attendance at board meetings, city council meetings, etc. will not be accepted for the Community Service Seal.</li> <li>- Students must schedule one meeting per year with their school counselor to discuss progress towards the seal.</li> </ul>
<b>Student Engagement Seal</b>	<p>To earn this seal, students must meet at least one of the following:</p> <ul style="list-style-type: none"> <li>• Three years of participation in one sport or two years participation in two sports and be in good standing with the Tecumseh High School Athletic Department.</li> <li>• Participate in FFA for 3 Years</li> <li>• Student Council for 3 Years</li> <li>• Hope Squad</li> <li>• Principal-Student Advisory</li> </ul> <p>Note- ROTC is not included because JROTC students can earn the Military Seal for participating in ROTC</p>
<b>Fine and Performing Arts Seal</b>	<p>To earn this seal, students must meet at least one of the following:</p> <ul style="list-style-type: none"> <li>• 3 years of art class and work entered in Governor's Art show or other art shows</li> <li>• 4 years of performing ensemble and participation in 2 voluntary outside events over the 4 years. (solo/ensemble, fall play, musical, marching band, pep band, jazz band, Honors choir/band, All-state choir/band)</li> <li>• Student activity proposals for out of district activities include but are not limited too: Muse Machine, Vandalia Youth Theater, Dayton Music Club Festivals, Springfield Youth Orchestra.</li> </ul>



**Honors Diploma** - Students need to fulfill all but one of the applicable criteria for the Diploma with Honors.

<b>Criteria</b>	<b>Academic Honors Diploma</b>	<b>Career Tech Honors Diploma</b>
<b>English</b>	4 units of English	4 units of English
<b>Mathematics</b>	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or 4-course sequence that contains equivalent or higher content
<b>Science</b>	4 units, including two units of advanced science	4 units, including two units of advanced science
<b>Social Studies</b>	4 units	4 units
<b>World Languages</b>	3 units of one world language or no less than 2 units of each of two world languages studied	3 units of one world language or no less than 2 units of each of two world languages studied
<b>Fine Arts</b>	1 unit	1 unit
<b>Electives</b>	N/A	4 units of Career-Technical minimum
<b>Grade Point Average</b>	3.5 on a 4.0 scale	3.5 on a 4.0 scale
<b>ACT/SAT/WorkKeys</b>	27 ACT/1280 SAT	27 ACT/1280 SAT/WorkKeys (6 for Reading for Information & 6 Applied Mathematics)
<b>Field Experiences</b>	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
<b>Portfolio</b>	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts
<b>Additional Assessment</b>	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent

## Grading Scale

### District Grading Scale

A+ = 100 - 99	B = 87 - 82	C- = 71 - 70
A = 98 - 92	B- = 81 - 80	D+ = 69 - 68
A- = 91 - 90	C+ = 79 - 78	D = 67 - 62
B+ = 89 - 88	C = 77 - 72	D- = 61 - 60
		F = 59 and below

### Letter Grade with Point Values

A+ = 12	B = 8	C- = 4
A = 11	B- = 7	D+ = 3
A- = 10	C+ = 6	D = 2
B+ = 9	C = 5	D- = 1

The semester average will be computed by counting the points for each nine-week grade twice and the points for the semester exam once.

### Semester Points with Exam

A+ = 58 or more
A = 53 - 57
A- = 48 - 52
B+ = 43 - 47
B = 38 - 42
B- = 33 - 37
C+ = 28 - 32
C = 23 - 27
C- = 18 - 22
D+ = 13 - 17
D = 8 - 12
D- = 5 - 7
F = 0 - 4

The yearly average will be based upon the total points earned for both semester and exam scores.

### Yearly Points w/ 2 Exams

A+ = 116 or more
A = 106 - 115
A- = 96 - 105
B+ = 86 - 95
B = 76 - 85
B- = 66 - 75
C+ = 56 - 65
C = 46 - 55
C- = 36 - 45
D+ = 26 - 35
D = 16 - 25
D- = 10 - 15
F = 0 - 9

### Yearly Points w/ 1 Exam

A+ = 104 or more
A = 95 - 103
A- = 86 - 94
B+ = 77 - 85
B = 68 - 76
B- = 59 - 67
C+ = 50 - 58
C = 41 - 49
C- = 32 - 40
D+ = 23 - 31
D = 14 - 22
D- = 10 - 13
F = 0 - 9

Any student who fails either the second quarter of a semester class or the fourth quarter of a year-long class must pass the semester exam to receive credit. The student, in this case, must also have a passing average. Any student who fails the second quarter of a semester class or the fourth quarter of a yearlong class and fails the semester exam will receive no credit for the course.



## Selecting Your Courses

<b>General Courses</b>	General courses are traditional in nature and are not generally advised for the college-bound student.
<b>Advanced Courses</b>	Advanced courses are designed to provide students with the background and skills necessary to pursue formal education beyond the high school level. Advanced courses usually deal with the curriculum in greater depth.
<b>Honors/Advanced Placement (AP) Courses</b>	Honors courses are designed to provide eligible students with an academic setting similar to that which they will encounter at the college level. Students interested in taking these courses must apply during the registration process. Students will be evaluated on their ability, achievement, and projected success in the course. The exact selection criteria for each course are listed under the appropriate departmental sections in this catalog. In addition, students who are enrolled in these courses and do not meet an acceptable level of success (grade of C) can be withdrawn from the course(s). These courses will carry weighted grades in the figuring of cumulative grade point average. Weighted grades are as follows: A=5.0, B=4.0, C=3.0, D=1.0, F=0.0.
<b>The Honors Program will consist of the following courses:</b>	Honors English 11, Chemistry Honors, AP Calculus, AP English 12, AP Government, and AP Physics.*

\* Students who complete AP courses and successfully pass the required College Board exams may be eligible for college credit in an institution of higher learning after high school graduation.

### Schedule Change Policy

The last date for a student to change his/her course requests for the following school year is set as the last day of school. After that date, changes will only be made for extenuating circumstances as determined by the student's school counselor. To request a change or drop of a course after the deadline, the student must contact his/her school counselor. If the request is denied, the student has the right to appeal to the building principal. Requests not following this procedure will not be heard. After the tenth school day, students who are allowed to drop a class will receive a withdrawal failure (WF) for the semester in which the class is dropped.

### Auditing

Auditing means taking a course without credit and without a grade being granted. A course may be audited with permission from the teacher, counselor, and parent. A student who is auditing a course must complete all course requirements. Failure to do so will result in removal from the course.

## Retaking a Course

Students who have received a grade of “D” or lower in a required or college prep course may repeat that course without credit to improve their grade. Both grades will be averaged in computing the students’ grade point average.

## Academic and Non-Academic Credit

Non-Academic courses include all the Physical Education courses and the Yearbook class. All other courses are academic. At least 17 credits out of the 21 required must be academic credits. Non-Academic courses are not used in calculating GPA. Courses taken off-campus or in non-traditional settings, i.e.: night school, correspondence courses, or summer school will not be computed into the grade point averages/class rank. All courses will appear on the student's high school transcript.

## Eligibility

For a student to be eligible to participate in a sport, cheerleading, marching band, plays, musicals, choir, ROTC Drill Team /Honor Guard, he/she must have passed five 1-credit (or 2 one-semester classes, 1 each semester with .5 credit) classes the previous grading period with a GPA of 1.3. A student is required to have five 1-credit courses on his/her schedule. Two failing or incomplete grades will automatically render a student ineligible. It is strongly advised that a student has at least six 1-credit courses on his/her schedule. Please check your schedule with your coach/advisor and your school counselor. It is the student’s responsibility to check eligibility. Physical education classes, yearbook class, audited courses, correspondence classes, and summer school grades do not count toward eligibility.

**\*Checking your course load is very important in maintaining your eligibility.**

## Course Load Requirement

A minimum of 5.5 credit classes per year is required. Students may not have more than one study hall a semester. Any exceptions to this will need counselor/administrator approval.

**Prerequisite:** (Pre-req) listed in the course description indicates the course(s) required to take before taking that course. When “Pre-req” doesn’t appear, no pre-requisite is required.

## Selecting Courses for College Acceptance

Since most students are not sure what they will be doing after graduation from high school, it is wise to take the strongest high school program possible. Test scores, GPA, and courses taken in high school are all factors affecting college admission. The recommended college preparatory program includes:

4 years of English

4 years of college prep mathematics

4 years of science

4 years of social studies

2-3 years of a foreign language

1 year of fine or performing arts

Tecumseh courses that meet the fine arts requirement are all band and choir performance courses, music theory, theatre arts, and all art courses.

College Credit Plus courses can be taken to fulfill high school graduation requirements. It is important to remember that these courses are the beginning of a student's college transcript and college GPA and are also included in the high school GPA and listed on the high school transcript.

A strong curriculum assists students in transitioning from high school to college. Since requirements vary from university to university, students are strongly encouraged to check the latest policies regarding course requirements with each university or college admission office. See your school counselor for additional help.



## College-Bound Student-Athletes

All students who desire to play Division I or Division II college sports must register with NCAA no later than their junior year. Students should follow the steps listed below and it is recommended that the student utilize the service available on the [athletic department website](#) to learn more about the NCAA process and college athletic eligibility.

### Juniors

At the beginning of your junior year, register at the [NCAA Eligibility Center](#). Register to take the ACT, SAT, or both and use the Eligibility Center code (9999) as a score recipient. The NCAA will not accept transcript copies of test scores. Double-check to make sure the courses you have taken match your school's list of approved core courses. Request your school counselor to send an official transcript to the Eligibility Center after the registration process. If you have attended more than one high school, the Eligibility Center will need official transcripts from all high schools attended. (The Eligibility Center does NOT accept faxed transcripts or test scores.) Before registering for classes for your senior year, check with your school counselor to determine the number of core courses that you need to complete your senior year.

### Seniors

Take the SAT and/or ACT again, if necessary. The Eligibility Center will use the best scores from each section of the ACT or SAT to determine your best cumulative score. Continue to take college-prep courses. Check the courses you have taken to match your school's list of approved core courses. Review your amateurism responses and request final amateurism certification on or after April 1 (for fall enrollees) or October 1 (for spring enrollees). Continue to work hard to get the best grades possible. Graduate on time (in eight academic semesters).

If you have questions, talk to your coach, the athletic director, or your school counselor for additional information.

## Physical Education Waiver

Physical education teaches students the importance and value of physically active lifestyles. There are a variety of benefits gained through physical education. Personal health, social skills, self-esteem, motor skills, and knowledge base are areas that can be positively impacted. By using Physical Education waivers, students can pursue alternative individual interests while meeting state and local curriculum standards.

In accordance with Senate Bill 311, students in grades 9-11 may be excused from the Physical Education (P.E.) requirement for graduation by receiving two P.E. waivers in any combination of district-sponsored interscholastic athletics, marching band, or cheerleading (per season) or AFJROTC (per year). Additionally, if the physical education requirement is waived, the student will be required to complete one half ( $\frac{1}{2}$ ) unit of credit, consisting of at least 60 hours of instruction, in another course of study. All waivers must be earned at Tecumseh High School prior to the student entering their senior year.

Should a student not complete the entire season for ANY reason, he/she must find an alternate way to satisfy his/her Physical Education requirement. This could include taking two (2) semesters of Physical Education courses. State law does not permit partial excuse from the Physical Education requirement. Participation in extracurricular athletics or qualifying activities is a privilege and not a right. This policy shall not in any way be construed as granting a student the "right" to participate in such district-sponsored activities. All Tecumseh Local School's Board of Education policies, rules, and procedures, including the Student Code of Conduct, continue to apply. In addition, any student participating in the Physical Education waiver policy shall be subject to any fees associated with the sport/activity including the "Pay-to-Participate" fee, uniform cost, course/lab fee, etc.

Students who sustain an injury during the season may still qualify for the Physical Education waiver based upon the recommendation of the coach/director/instructor and the athletic director/building principal. Documentation from a physician and/or athletic trainer may also be considered. The student would be expected to actively participate and make contributions to the team/group in spite of the injury.

### Procedures for earning Physical Education waiver

1. Within two (2) weeks of the conclusion of the sports season or qualifying activity, the Physical Education waiver form must be filled out and returned to the Athletic Director. *It is the student's responsibility to ensure the Physical Education waiver is filled out completely and accurately and submitted to the Athletic Director.*
2. The school counselor will document the Physical Education waiver to the student's official transcript after two (2) waivers have been earned and verified.

**Note:** The Ohio Graduation Requirements mandate participation for at least two full seasons of a sport or qualifying activity in order to waive the Physical Education requirement. Participation in only one full season CANNOT be combined with .25 credits of P.E. to meet the graduation requirement. Any student who has not fulfilled the P. E. requirement prior to the beginning of his/her senior year will be scheduled into P.E. classes. Participation in an athletic team, cheerleading, marching band, or AFJROTC during their senior year will not qualify for the waiver without administrative approval.

## **Frequently Asked Questions about Physical Education Graduation & Waiver Requirements**

### ***How much Physical Education is required?***

Students are required to complete one-half unit of Physical Education for graduation. Both elective and traditional Physical Education courses require a minimum of 120 hours of course instruction to earn a one-half unit of credit.

### ***Can boards of education adopt policies to exempt students from Physical Education?***

The board of education of each school district and the governing authority of each chartered nonpublic school may adopt a policy to excuse from the high school physical education requirement each student who, during high school, has participated in interscholastic athletics, marching band, or cheerleading for at least two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years. If the board or authority adopts such a policy, the board or authority shall not require the student to complete any Physical Education course as a condition to graduate. However, the student shall be required to complete one-half unit, consisting of at least 60 hours of instruction, in another course of study.

### ***If a student participates in interscholastic athletics, marching band, cheerleading, or JROTC program before his or her district adopts the waiver policy, can those activities be applied?***

No. Districts are not permitted to implement a retroactive policy. The two full seasons, or years for JROTC, and the additional one-half unit of credit (60 hours of instruction) must begin after the implementation date of the policy.

### ***For Physical Education, may other activities (show choirs, non-school-sponsored athletics, etc.) that involve physical activity on the part of students be counted toward the two semesters of Physical Education?***

No. The statute specifically limits the participation to interscholastic athletics, marching band, cheerleading, and JROTC. There is no authority granted to a board of education to include any additional participation.

### ***Are there any other requirements students must meet beyond the two full seasons of participation in interscholastic athletics, marching band, or cheerleading?***

Yes. Excused students also must complete one-half unit in another curricular area. While the one-half unit of Physical Education requires a minimum of 120 hours of instruction, one-half unit in all other curricular areas requires a minimum of 60 hours of instruction. For students who use a JROTC program to qualify for the Physical Education exemption, the credit received for that participation may be used to satisfy the requirement to complete one-half unit in another course of study. This one-half unit in another curricular area keeps the minimum number of credits required for graduation at 20.

### ***For Physical Education, what is the impact of being “cut” or quitting?***

The statute requires participation “for at least two full seasons.” The season during which a student was “cut” or quit the activity could not be used to meet the two-season requirement.

### ***Can a district policy require more than the two seasons of participation in order to excuse the one-half unit of Physical Education required for graduation?***

Yes. The language sets the minimum requirement for JROTC programs as “at least two years” while the other options must be “for at least two full seasons.” A board of education could require more than two full years or seasons. However, to meet the excuse from Physical Education, a board cannot require a student to complete an additional P. E. course or require more than the one-half unit in another course of study.

### ***If a student participates in only one full season of an approved activity, can the student be excused from .25 units of Physical Education and thus have to take only .25 units of Physical Education to complete his or her Physical Education requirement under the Ohio Core?***

No. The statute requires participation for at least two full seasons or years for JROTC. There is no provision in the law that would permit any type of partial excuse.



***If a student takes advantage of the P.E. waiver offered by his or her district, does the waiver transfer with the student, if he or she moves to a district without P.E. waivers?***

Students are subject to the graduation requirements of the district where they will graduate. In the case of a

transfer student, the receiving district is not obligated to honor the P.E. waiver earned in the prior district. The district should count any non-P.E. credit the student earned as a condition for receiving the P.E. waiver while in the prior district, but the student will still need to earn the required P.E. credit as required by the new district. Districts may decide how non-P.E. credits apply to their graduation requirements.

***Can a local board of education add more requirements to its Physical Education waiver policy?***

Yes. The state establishes minimum curriculum requirements for graduation, but local boards of education may adopt additional requirements. Examples for the Physical Education waiver may include taking coursework from a specified list of courses or having a minimum grade point average to qualify.

Regardless of the additional requirements, a local board of education may impose, students must earn at least one-half credit (60 contact hours) in lieu of earning credit for Physical Education coursework under the policy.

***Our school district has eliminated all sports and extra-curricular activities due to budgetary constraints. Can those students who have completed one season count that toward the P.E. waiver and only be required to take a single semester of P.E.?***

No. The law is clear. Students must complete two full seasons or years to qualify for the waiver. If the local district eliminates those activities, students may be forced to schedule two years of Physical Education. They cannot mix and match to meet the requirement.

***Our school district eliminated all outside student activities due to budgetary constraints. Can our band students qualify for the P.E. waiver if we practice marching during the band class that is part of the school day?***

No. The waiver for marching band was based on the outside-of-class activities associated with marching band programs including but not limited to attending band camp, marching in parades, performing at school-sponsored athletic events (pre-game, halftime, post-game shows, etc.), band contests, and state-sponsored marching band competitions.

***Can Physical Education be taught below grade nine for high school credit?***

Yes. Two fundamental criteria must be met to provide credit-bearing instruction to students below grade nine. (1) The course must be taught by a high school licensed teacher. (2) The course of study must be recognized by the local Board of Education as comparable to (equivalent to or more rigorous than) the same course taught at the high school. Additionally, care must be taken to ensure that the students scheduled to enroll in such courses are appropriately ready to take a high school level course. Their selection should follow the same guidelines of the district acceleration policy as apply to any content area (e.g. students enrolled in Algebra I or first-year world language courses for high school credit in grade 8). It would be inappropriate to assume that all 8th graders, for example, are age-appropriate to take a high school level physical education class in the middle grades. Further, it would be inappropriate for school districts to offer Physical Education only in the middle grades (meeting the two criteria above) without offering the same course in high school. If it is only offered in middle school and not at the high school level, then it is a middle school course and should not generate credit toward graduation.

# Tecumseh High School Physical Education Waiver

The Physical Education waiver Form **MUST** be completed and returned to the Athletic Office within two (2) weeks of the final competition of sport/activity. Students in the AFJROTC program **DO NOT** need to turn in a waiver form. AFROTC instructors will provide the names of students who qualify to the Counseling Office.

Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_

School Year: 20\_\_\_\_ - 20\_\_\_\_

I am requesting an alternative Physical Education (P.E.) credit waiver for my participation in an APPROVED sport/activity at Tecumseh High School as outlined by the Ohio Department of Education and Tecumseh Local School District. I understand the following conditions apply:

1. The student must complete two P.E. waivers for an approved sport/activity **PRIOR** to the student's senior year. **Reminder:** State law does not permit P.E. credit and P.E. waivers to be combined in order to meet graduation requirements.
2. A student **MUST** fully complete the entire season or activity commitment to be eligible for the Physical Education waiver. Students who are unable to finish or miss any portion of the sport/activity due to injury, quitting, being removed for academic or behavioral issues, being "cut" from the sport/activity, etc. will not receive the waiver.
3. The ½ credit of Physical Education will need to be earned in another curricular area to meet the graduation requirements as mandated by the state of Ohio and Tecumseh Local.

P.E. waiver completion (Mark one)      \_\_\_\_\_ **1<sup>st</sup> of 2**      \_\_\_\_\_ **2<sup>nd</sup> of 2**

Sport: \_\_\_\_\_      \_\_\_\_\_ Marching Band

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## ***To be completed by school personnel.***

I certify the student has fulfilled all of the requirements to earn one of the two required Physical Education waivers in the sport/activity for a complete season or year.

\_\_\_\_\_  
Coach/Advisor/Instructor Signature      Date: \_\_\_\_\_

\_\_\_\_\_  
Athletic Director Signature      Date: \_\_\_\_\_

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## **SPRINGFIELD-CLARK CAREER TECHNOLOGY CENTER**

### ***Your Path to Success!***

The primary goal of the Springfield-Clark CTC is to assist students in obtaining skills that will allow them to enter the job market or to pursue further training in colleges, universities, or technical schools. The CTC offers a variety of programs that provide career-related training.

#### **CTC Schedule Options**

The CTC offers both full-day and half-day programs. Half-day programs allow students to attend the career center for half of the school day and complete academic classes at their associate school. Some associate high schools provide transportation to and from the career center for ½ day students.

#### **Apprenticeship Option**

Apprenticeships are available in virtually every career-related program offered at the career center. Apprentices are paid wages while participating employers teach them real-life work skills on the job site. Students attend academic and related classes at the career center and participate in co-op, work-site learning in coordination with the apprenticeship.

#### **Academics**

In addition to learning career-related skills students may also take English, Government, History, Math, and Science courses. We offer both general and advanced academics like CCP English, CCP Anatomy & Physiology, Chemistry, Algebra II, etc. Academic courses teach concepts that are directly related to a student's technical program and fulfill requirements for graduation and college admission.

#### **Credits**

Students at the career center may earn up to sixteen credits toward graduation depending on the program in which they choose to enroll.

#### **College Credit at CTC**

CTC has articulation agreements with Clark State Community College, Northwestern College, Columbus State Community College, Nashville Auto-Diesel College, and Sinclair Community College to just name a few. These articulation agreements allow students to earn college credit while attending the career center. Post-secondary options are available to students who qualify.

#### **Fees**

Students of local high schools may attend the career center tuition-free. However, depending on the program, students may be required to pay for tools, uniforms, and school fees. Scholarships, fee assistance, and payment plans are available to the student who qualifies financially.

#### **Transportation**

The Associate high school will bus students to and from the CTC. Students may choose to provide their own transportation.

#### **Extra-curricular Activities at CTC**

The CTC daily schedule allows students to participate in extracurricular activities like sports, band and cheerleading at their associate high school. In addition to participation in various activities available at the associate high school, CTC students may get involved in the following national student organizations, which help develop leadership skills:

**H2O Club** - Volunteer and Community Service Club

**NHS** - National Honor Society

**FCCLA** - Family, Community & Career Leadership of America

**BPA** - Business Professionals of America

**SkillsUSA** - The largest Career Technical Student Organization in the USA

Many of the clubs offer leadership opportunities and skill competitions that challenge students to compete for awards by mastering skills in their career technical program.

#### **Graduation**

Upon successful completion of the CTC program, state graduation tests, and academic courses, CTC students will graduate and receive a high school diploma from their associate high school. CTC students will also attend the Convocation Ceremony that is held on the last day of school. Students who successfully complete their career technical program receive a certificate of completion and a Career Passport.



# Springfield-Clark CTC Career Fields and Programs

## **Ag & Environmental Systems**

Forestry and Park Management  
Veterinary Science

## **Arts & Communication**

Computer Graphic Arts

## **Career Exploration Programs**

Jaguar Academy (Sophomores only)  
Job Training  
Project SEARCH

## **Construction Technologies**

Carpentry  
Electrical Trades  
Heating & Air Technology

## **Education and Training**

Early Childhood Education & Care

## **Engineering and Science Technologies**

Engineering and Architectural Design

## **Health Science**

Dental Assisting  
Health Occupations

- Emergency Medical Technician
- Medical Assisting
- Nurse Assisting

## **Hospitality and Tourism**

Culinary Arts  
Hospitality & Tourism

## **Human Services**

Cosmetology

## **Information Technology**

Cyber Security & Computer Networking  
Digital Media Design  
Software Programming Technologies

## **Manufacturing Technologies**

Applied Engineering & Manufacturing  
Welding & Fabrication

## **Transportation Systems**

Auto Body Collision Repair  
Auto Services  
Auto Technology

## **Withdrawal-Transfer Policy**

If students who have been accepted at the CTC change their mind prior to June 1<sup>st</sup> the following steps should be completed in order to re-enroll at their local high school:

1. Notify the Associate Schools Coordinator at 325-7368 ext. 113 that they will **not** be attending the CTC.
2. Call the associate high school and schedule an appointment with their counselor to prepare a class schedule.

Students who do not withdraw from the CTC by June 1<sup>st</sup> may transfer back to their associate high school under the following guidelines:

1. Students are required to attend the CTC for a one-week trial period (five school days).
2. The final decision to return to the associate high school must be made before the tenth day of school at the CTC.
3. ***After the tenth day of school students are obligated to complete the year at the CTC***

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# Aerospace Science Air Force Junior ROTC (AFJROTC)

**AFJROTC** is a combined history, science, civics, and leadership development course sponsored by the United States Air Force and the Tecumseh Local School system.

- AFJROTC's goal is to build better, more productive citizens and the emphasis of this program is on citizenship and leadership training.
- The students are also introduced to military customs and courtesies, citizenship, first aid, wellness, health and fitness, basic drill and ceremonies, effective communications, management, human relations, and life after high school.
- Completion of two years of AFJROTC [earns the student an Ohio State-defined Diploma Seal](#) (one of the two Demonstrating Readiness seals required)
- Completion of two years of AFJROTC qualifies the student for a [PE waiver](#)
- The average student completing three years of AFJROTC will [earn the Community Service Seal](#) ([one of the three Locally-defined Diploma Seals](#))
- Cadets participate in parades, summer leadership schools, drill team competitions, color and honor guards, military balls, and honorary academic groups and will be given the opportunity to develop teamwork, self-discipline, and self-confidence.
- **This is not a military recruiting program.**
- **There is no military obligation for AFJROTC cadets.**
- Cadets are eligible to compete for USAF college scholarships which pay for tuition, books, fees, and allowances at a college or university of their choice that has a senior AFROTC Program.
- Cadets who complete two or more years of AFJROTC receive special considerations for enlistment in the military. Third and fourth-year cadets are eligible for locally funded JROTC scholarships.
- All JROTC courses are open to students in grades 9-12 who are enrolled in Tecumseh AFJROTC and not enrolled in the Career Technical Center.
- All JROTC uniforms, books, and equipment are furnished to the student, cost-free, by the U.S. Air Force.
- Uniforms will be worn an average of once a week.
- Students will be required to meet higher standards of **personal appearance, conduct, and discipline.**
- The Presidential Physical Fitness Program (Wellness) is included in each course and is 20% of the total Junior ROTC grade. It is an exercise program focused upon individual baseline improvements. The exercises develop all muscle groups. Individual waivers based on student physical limitations are acceptable.
- Each course listed below consists of both an Aerospace Science portion (40% of grade) and a Leadership Education portion (40% of grade). Not all courses will be offered each year. Check with your guidance counselor for course availability.

## 851D Aerospace Science I

Grades 9-12

Elective

Year

1.0 Credit

**-Fee:** \$20.00 for for yearly activities and JROTC T-shirt

-Will be offered in 2021-2022

**For 1st-year Cadets. Cultural Studies: An Introduction to Global Awareness** is a customized course about the world's cultures. The course is specifically created for Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. The Leadership Education portion for this course will correspond to the normal progression of LE instruction based on the cadet's number of years in ROTC. The LE-100 textbook **Leadership Education** introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure, uniform wear, customs, courtesies, and other military traditions, health and wellness, fitness, individual self-control, and citizenship. Summer Leadership School (if offered) is available after completing one year of AFJROTC.

## 851A Aerospace Science I

Grades 9-12

Elective

Year

1.0 Credit

**-Fee:** \$20.00 for yearly activities and JROTC T-shirt

-Will be offered in 2022-2023

**For 1st-year Cadets.** The Aerospace Science textbook **Milestones in Aviation History** provides aviation history focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern-day. The emphasis is on civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force, and a brief astronomical and space exploration history. It is interspersed with concise exercises to guide in the reinforcement of the materials. Many of the 72 hours dedicated to leadership studies relate directly to the academic subject matter. The LE-100 textbook **Leadership Education** introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. It contains sections on cadet and Air Force organizational structure, uniform wear, customs, courtesies, and other military traditions, health and wellness, fitness, individual self-control, and citizenship. Summer Leadership School (if offered) is available after completing one year of AFJROTC.



## **852D Aerospace Science II**

## **853D Aerospace Science III**

## **854D Aerospace Science IV**

Grades 10-12

Elective

Year

1.0 Credit

**-Fee:** \$20.00 for for yearly activities and JROTC T-shirt

-Will be offered in 2021-2022

**For 2d (852d), 3d (853d), or 4th (854d)-year Cadets. Cultural Studies: An Introduction to Global Awareness** is a customized course about the world's cultures. The course is specifically created for Junior ROTC programs. It introduces students to the world's cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights. It looks at major events and significant figures that have shaped each region. Throughout the course, there are readings, video segments, hands-on activities, other optional activities, technology enrichment, and assessments to guide in the reinforcement of the materials. The Leadership Education portion for this course will correspond to the normal progression of LE instruction based on the cadet's number of years in ROTC. The LE-300 textbook, **Life Skills, and Career Opportunities** help students decide which path to take after high school. Information on how to begin the job search is available to students who decide not to go to college or vocational school. Instruction is given on financial planning and how to save, invest, and spend money wisely, as well as how not to get caught in the credit trap. Students are informed about real-life issues such as understanding contracts, leases, wills, warranties, legal notices, and personal bills. Citizen responsibilities such as registering to vote, jury duty, and draft registration are discussed. Apartment shopping, grocery shopping, preparing a resume, and the importance of good interviewing skills are presented. Summer Leadership School (if offered) is available after completing one year of AFJROTC.

## **852A Aerospace Science II**

## **853A Aerospace Science III**

## **854A Aerospace Science IV**

Grades 10-12

Elective

Year

1.0 Credit

**-Fee:** \$20.00 for yearly activities and JROTC T-shirt

-Will be offered in 2022-2023

**For 2d (852a), 3d (853a), or 4th (854a)-year Cadets.** The Aerospace Science textbook **Milestones in Aviation History** provides aviation history focusing on the development of flight throughout the centuries. It starts with ancient civilizations, then progresses through time to modern-day. The emphasis is on civilian and military contributions to aviation, the development, modernization, and transformation of the Air Force, and a brief astronomical and space exploration history. It is interspersed with concise exercises to guide in the reinforcement of the materials. Many of the 72 hours dedicated to leadership studies relate directly to the academic subject matter. The LE-200 textbook, **Communication Awareness, and Leadership** stresses communications skills and cadet corps activities. Emphasis is given to communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution; of corps projects and activities. Summer Leadership School (if offered) is available after completing one year of AFJROTC.

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# Agriculture Education

For all Agriculture Education courses, a Supervised Agricultural Experience (SAE) project is required. If this project is not carried out, the student will receive 1.0 maximum credit and will not continue in the Agriculture program the following year. If a student does not have a place to raise a crop or livestock project, the instructor will assist him/her in finding one. A student must have an SAE project in order to receive 1.25 credits at the end of the school year. Appropriate projects must be given advanced approval by the instructor. A student who earns the full 1.25 credits for an agriculture course may register for the more advanced course the next school year.

## **601 Agriculture, Food and Natural Resources (AFNR)**

Grades 9-12

Elective

Year

1.00 Credit & .25 SAE Project

**-Fee:** Dues \$20.00

**-An application must be submitted and approved for acceptance into the course.**

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology, and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership, and business skills essential to the agriculture industry.

## **602A Animal and Plant Science**

Grades 9-12

Elective

Year

1.00 Credit & .25 SAE Project

**-Pre-req:** AFNR including project credit

**-Fee:** Dues \$20.00

**-An application must be submitted and approved for acceptance into the course.**

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies, and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

## 602B Mechanical Principles

Grades 10-12

Elective

Year

1.00 Credit & .25 SAE Project

**-Pre-req:** 1 full year of an Agricultural credit including project credit

**-Fee:** Dues \$20.00

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

## 603 Livestock, Selection, Nutrition, and Management

Grades 11-12

Elective

Year

1.00 Credit & .25 SAE Project

**-Pre-req:** 1 full year of an Agricultural credit including project credit

**-Fee:** Dues \$20.00

-Students may earn an Industry Recognized Credential in - [Elanco Fundamentals of Animal Science Certification](#)\* - 6 points

Learners will develop business leadership, problem-solving, and communication skills in relation to the science and technology of animals. Students will learn responsible animal management principles and routine husbandry practices in relation to animal welfare and behavior. Learners will identify and describe the anatomy and physiology of monogastric and ruminant organisms as it applies to nutrition, reproduction, and animal health. Learners will investigate animal genetics and how it impacts principles of animal improvement, selection, and marketing.

## 604 Business Management for Agricultural and Environmental Systems

Grade 12

Elective

Year

1.00 Credit & .25 SAE Project

**-Pre-req:** Must be a senior and have completed at least two Agricultural Courses

**-Fee:** Dues \$20.00

-Students may earn an Industry Recognized Credential in - [Ohio Agribusiness Association-Agribusiness and Production Systems Certification](#) - 12 points

Learners will examine elements of business, identify organizational structures, and identify and apply management skills. Learners will develop business plans, financial reports, and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion, and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations.



# Art

## 700 Introduction to Art

Grades 10-12

Elective

Year

1.0 Credit

**-Fee:** \$24.00

This introductory course is recommended for students with an interest in art as well as being required of all art majors. The student will draw, paint, construct effectively with instructional emphasis placed on visual communication through media studies. A wide variety of media is used in conjunction with various projects investigating the elements of design, two and three-dimensional, as well as an introduction to art history and art appreciation.

## 713 Graphics Design I

Grades 11-12

Elective

1st Semester

0.5 Credit

**-Pre-req:** Introduction to Art with a B average

**-Fee:** \$24.00

This elective course will emphasize the creative process that combines art and technology to communicate ideas. It will empower students with the necessary entry-level skills needed to pursue graphic design at a higher level. It will provide students with an understanding of computer programs that will help them succeed in many career fields through the incorporation of computers as a vital tool in graphic design. It will expose students to problem-solving issues that practicing graphic designers face in the real world. This course will promote critical thinking, problem-solving, and presentation skills. It will provide students with the ability to create illustrations, customized logos, advertisements, and other graphic documents.

## 714 Graphics Design II

Grades 11-12

Elective

2nd Semester

0.5 Credit

**-Pre-req:** Introduction to Art with a B average

**-Fee:** \$24.00

This elective course will emphasize the creative process that combines art and technology to communicate ideas. It will empower students with the necessary entry-level skills needed to pursue graphic design at a higher level. It will provide students with an understanding of computer programs that will help them succeed in many career fields through the incorporation of computers as a vital tool in graphic design. It will expose students to problem-solving issues that practicing graphic designers face in the real world. This course will promote critical thinking, problem-solving, and presentation skills. It will provide students with a new understanding of manipulation, enhancement, and special effects that can be executed on images.

## 715 Art 2A (Drawing)

Grades 11-12

Elective

1st Semester

0.5 Credit

**-Pre-req:** Introduction to Art with an A average

**-Fee:** \$12.00

This second-year class will expose students to all aspects of fine arts drawing, including figure, still life, landscape, and perspective, to name a few. Students will concentrate on shading, highlighting, and three-dimensionality. Concepts, as well as techniques, will be stressed. Drawing is for the seriously interested student. Basic skills mentioned before will be taught and students will be expected to perfect those skills.

## **716 Art 2B (Painting)**

Grades 11-12 Elective  
2nd Semester 0.5 Credit  
**-Pre-req:** Drawing with an A average  
**-Fee:** \$ 12.00  
**-Will be offered 2022-2023**

This course involves the exploration of various types of painting including tempera, watercolor, acrylic, and oil painting. A basic history and appreciation of styles in painting are included.

## **717 Introduction to Ceramics**

Grades 11-12 Elective  
2nd Semester 0.5 Credit  
**-Pre-req:** Introduction to Art  
**-Fee:** \$24.00  
**-Will be offered 2021-2022**

This course will cover various areas of hand building such as slab, coil, and pinch. Wheel throwing will also be studied. A history of clay and ceramic techniques will be included. The class size will be limited to 15.

## **720 Advanced Study in Art**

Grades 11-12 Elective  
Year 1.0 Credit  
**-Pre-req:** 2 art credits with an A average  
**-Fee:** \$24.00  
**-Recommended for students continuing art beyond high school.**  
**-Must have teacher approval.**

The course will be divided into the following areas: forming a portfolio suitable for admittance to college, organized projects in commercial design, and individualized work in a chosen area of study. Various projects will investigate the elements of two and three-dimensional design, art history, and art appreciation.

## **721 Independent Studies in Art\***

Grade 12 Elective  
Year 1.0 Credit  
**-Pre-req:** Advanced Study in Art with an A average  
**-Fee:** \$24.00  
**-Must have teacher approval.**

Students will choose an area of concentration each quarter. The student will design projects with assistance from the instructor, which will help them prepare for further art study. Continued work on a portfolio will also be a focus. A senior show of all their work from the last two years will be expected and graded. \*Students will be combined with the 720 class but will work on their own requirements for Independent Studies credit.

# Business

## 500 Keyboarding

## 501 Keyboarding

Grades 9-12

Elective

Semester

0.5 Credit

**-Fee:** \$5.00

This course is designed for students who wish to learn how to use the alphabetic figure/symbol keyboard using the touch system technique (QWERTY Keyboard). Students will also learn the features of Microsoft Word as they are applied to some personal and business applications. You will be typing every day!

## 505A Computer Applications I

Grades 9-12

Elective

Semester

0.5 Credit

**-Fee:** \$5.00

Computer Applications I is a lab class in which students learn about the nature of computer technology and apply appropriate tools and resources for a variety of purposes. This course will cover basic topics related to Internet safety, respect, and responsibility. Students will develop skills by using a variety of computer applications and productivity tools that include: word processing programs and document formatting, spreadsheets and calculations, and presentation programs. An introduction to G-mail and Google Doc applications will also be integrated into this course. The goal of this course is to develop the foundational skills that are necessary to be successful in advanced technology courses, academic courses, and the workforce. *Previous knowledge of the QWERTY keyboard is recommended for this course, including a keyboarding/typing course.*

## 505B Computer Applications II

Grades 9-12

Elective

Semester

0.5 Credit

**-Fee:** \$5.00

**-Pre-req:** Computer Applications I

Computer Applications II is a lab class where students will apply more advanced technology skills to hands-on projects. Students will engage in multiple business and workplace simulations while working to effectively develop real-world application skills. Students will use Google Applications (Docs, Sheets, Slides) more thoroughly in this course, along with an extension of Microsoft Office applications learned in Computer Applications I. *Previous knowledge of the QWERTY keyboard is highly recommended for this course, including a keyboarding/typing course.*

## 506 Web Design

Grades 10-12

Elective

Semester

0.5 Credit

This course will serve as an introduction to the design, creation, and maintenance of web pages and websites. Students will learn how to evaluate website design, learn about web design standards, and why they are important. Students will create two web pages (personal site and business site) using website builders and will learn introductory basics of coding languages such as HTML/CSS and JavaScript.

## **507 College Credit Plus Fundamentals of Information Technology (IT 1050)**

Grade 9-12

Selective

Semester

0.5 Credit

3.0 Credit Hours from the University of Cincinnati

**-Pre-req: Students must meet all requirements of the College Credit Plus (CCP) program.**

This course is an introduction to the field of Information Technology including technology concepts, terminology, hardware components, and software applications. Students will be introduced to and asked to apply basic skills in the core areas of information technology such as programming, database management, networking, systems administration, and web development and the basic research, problem-solving, and decision-making skills required to be successful in this field. The course emphasizes the role of technical communication, project management, languages, tools, models, and application architectures within the IT development process.

## **530 Introduction to Business**

Grades 9-12

Elective

Year

1.0 Credit

**-Fee: \$29.00**

This course is designed for students interested in a career in business or who just want to learn more about the business world. In this course, students will explore topics such as: ethics, international business, forms of ownership, credit & collections, technology, communication, marketing, spreadsheets, and human resources. Students will be able to explore a variety of career areas as well as develop skills to allow them to continue course work offered in the business curriculum.

## **552 Accounting I**

Grades 11-12

Elective

Year

1.0 Credit

**-Fee: \$29.00**

Accounting I provides students with an introduction to business careers, spreadsheets, and financial records and statements. Students will analyze business transactions involving sole proprietorships and partnerships. This course is ideal for anyone that is considering majoring in business, marketing, advertising, finance, or accounting after high school.

## **556 Business Law**

Grades 10-12

Elective

Semester

0.5 Credit

This course provides a basic study of laws that are used most often by citizens and business people. Students will explore the law as it pertains to society, minors, consumers, and business owners. Students will explore the creation and origins of law, criminal law, the law of torts (civil lawsuits/negligence), the court system in general, and how to protect themselves as consumers.



**558    Personal Finance****559    Personal Finance**

Grades 9-12

Semester

Required

0.5 Credit

This course investigates many of the financial decisions students will make after high school. Students will examine topics such as consumer decisions, banking (checking/savings), budgeting, interest rates, loans, credit, taxes, and more. After high school, students will be making money and making decisions that will continue to affect their future. This course is a “must” for all those who plan on managing their own money. Successful completion of this course will fulfill the “Financial Literacy” requirement for graduation.

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# Computer Science Pathway\*

## 511 Computer Science Essentials (Project Lead The Way)

Grades 9-12

Elective

Year

1.0 Credit

**-Pre-req:** Advanced Algebra I or Concurrent Enrollment

Students will experience the major tools, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to the other computer science courses.

## 512 Introduction to Computer Science

Grades 9-12

Elective

Year

1.0 Credit

**-Pre-req:** Advanced Algebra I or Concurrent Enrollment

This course is an interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. Students will learn how to think computationally and solve complex problems. Topics covered include making decisions, repetition loops, graphics, text and string processing, and 2-D arrays. This course will help prepare students for the Advanced Placement Computer Science Principles course.

## 515 Advanced Placement Computer Science Principles

Grades 10-12

Elective

Year

1.0 Credit

**-Pre-req:** Introduction to Computer Science

-Class members will be required to take the AP examination given by the College Board in May. A fee (approximately \$95.00) is charged for the administration and grading of these tests.

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem-solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

## 517 Cybersecurity (Project Lead The Way)

Grades 11-12

Elective

Year

1.0 Credit

**-Pre-req:** Introduction to Computer Science and Computer Science Essentials

-Will be offered 2022-2023

Whether seeking a career in the growing field of cybersecurity or learning to defend their own personal data or company data, students in this course establish an ethical code of conduct while learning to defend data in today's complex cyber world.

\*Students who successfully complete a computer science course and are interested in obtaining a computer science-related degree may be eligible for an Amazon Future Engineer scholarship. Click [here](#) for more details.

# English

## English Pathways

Use this chart as a guide when selecting your required English courses.

	General	College Prep	Honors/AP
<b>9th Grade</b>	English 9	Advanced English 9	Advanced English 9
<b>10th Grade</b>	English 10	Advanced English 10	Advanced English 10
<b>11th Grade</b>	English 11	Advanced English 11	Honors English 11
<b>12th Grade</b>	English 12	Advanced English 12 or CCP English	AP English 12 or CCP English

### 015 Broadcast Journalism

Grades 10-12

Elective

Year

1.0 Credit

This is a production course for students who want to be involved in producing a news show for the entire school, which will include writing, reporting, editing, and video/sound editing.

### 017 Theatre Arts I

Grades 10-12

Elective

1st semester

0.5 Credit

-Good attendance highly recommended.

Basic technical theatre principles are introduced. This study includes the discussion of crew work including properties, construction, publicity, makeup, and costumes. Students also study the varieties of drama ranging from comedy to melodrama to musical comedies. Pantomime and improvisation are utilized throughout the course. One act plays are the culmination of the semester's work.

### 018 Theatre Arts II

Grades 10-12

Elective

2nd semester

0.5 Credit

**-Pre-req:** Theatre Arts I

-Good attendance highly recommended. May not be eligible for the course due to poor attendance in Theatre Arts I. Eligibility will be left to the discretion of the administrator/counselor.

This class is designed for the advanced student in drama. Emphasis is placed on the analysis and interpretation of drama from a directorial point of view. Students also gain experience in various theatrical modes such as oral interpretation. One act plays are prepared in more depth.

### 022 Journalism

Grades 9-12

Elective

Year

1.0 Credit

**-Pre-req:** B average in previous English classes and teacher recommendation.

This course is designed to introduce students to the field of journalism. Students will practice skills in news writing, interviewing, advertising, picture-taking, making headlines, and laying out pages.

## **026 Yearbook Workshop**

Grades 10-12  
Year

Elective  
0.5 Credit

This activity is for students who intend to work on the yearbook staff. The material will cover technical and creative preparation and projects that will culminate in the publication of the yearbook.

## **068 Creative Writing**

Grades 10-12  
Semester

Elective  
0.5 Credit

This course includes the reading and writing of various types of poetry and short stories, such as cliffhangers, scary stories, and mysteries, and both individually and collaboratively. Students will be working with the power of words to portray themes and capture their own personal moments in time. Students will learn characterization, both animated and human, to develop their own short stories. Additionally, students will review and edit sentence structure, paragraphing, organization, usage, and punctuation as needed and make required corrections.

## **069 Film Study**

Grades 10-12  
Semester

Elective  
0.5 Credit

This course will explore the history of the film industry from its earliest beginnings of the silent film world of Charlie Chaplin, Buster Keaton, Harold Lloyd, Mabel Normand, and Lillian Gish to films throughout the 20th century. We will learn about the development of film, as we know it today and its influence on society. Students will learn the vocabulary of film in relation to camera work, camera angles, moving camera, lighting, editing, and sound. They will learn how to write a movie review. This study will cover the conversion to “talkies,” censorship, and movie ratings. Viewing includes *Citizen Kane*, and we will cover Film Noir, Westerns, and a number of films related to the Cold War and the time of McCarthyism. There will be a unit on Alfred Hitchcock’s films as well. Time permitting, we’ll read and view *Ethan Frome*. Our film study will end with film comedy in the modern age.

## **070 Sports Literature Focus**

Grades 10-12  
Semester

Elective  
0.5 Credit

Students in the class will examine and analyze a wide variety of literary styles such as narratives, opinion pieces, in-depth articles, poems, novels, biographies, and autobiographies. Through exposure to different types of writing, students will broaden their knowledge of literary and stylistic devices as well as current events in sports. Vocabulary will correspond with the literature selections. Although not limited to, journalistic writing will be emphasized.



## **Required English Courses**

### **030 English 9**

Grade 9  
Year

Required  
1.0 Credit

This study continues and extends the integrated study of reading, writing, listening, and speaking. The literature portion will involve reading and analyzing short stories, nonfiction works, poetry, plays, and novels. This will include, but not be limited to, reasoning skills, the author's tone, and literary terms. Compositions will reflect grammar skills and literature studies in both expository and creative writing. Sentence variety, paragraphing, transitional devices, developmental strategies, and the writing process will be emphasized. There will also be exposure to many survey skills: using the library for research, working in small groups, and developing listening skills.

### **031 Advanced English 9**

Grade 9  
Year

Required  
1.0 Credit

**-Fee: \$10.00**

-Recommended for students who are strong, independent readers, especially those planning to attend college.

-Recommend B average in previous English courses

This study continues and extends the integrated study of reading, writing, listening, and speaking. The literature portion will involve reading and analyzing short stories, nonfiction works, poetry, plays, and novels. This will include, but not be limited to, reasoning skills, the author's tone, and literary terms. Compositions will reflect grammar skills and literature studies in both expository and creative writing. Sentence variety, paragraphing, transitional devices, the multi-paragraphed essay, and the writing process will be emphasized. There will also be exposure to many survey skills: giving oral reports, using the library for research, working in small groups, and developing attention-skills with regards to listening to speakers and learning from audiovisual presentations. **Students are required to complete summer reading. (See your school counselor for the reading list.**

### **040 English 10**

Grade 10  
Year

Required  
1.0 Credit

**-Pre-req: English 9**

English 10 continues and extends the integrated study of reading, writing, listening, and speaking. The literature portion will involve reading and analyzing short stories, nonfiction works, poetry, plays, and novels. These selections will reflect world and United States literature. Students will support their interpretations of literature by using such techniques as reasoning, author's tone and purpose, inferences, and literary devices. Emphasis will be placed on paragraph development with special instruction of the five-paragraph theme, outlining, and the writing process.

## 041 Advanced English 10

Grade 10

Required

Year

1.0 Credit

-Recommended for students who are strong, independent readers, especially those planning to attend college

-Recommended B average in English courses

Advanced English 10 continues and extends the integrated study of reading, writing, listening, and speaking. The course stresses the United States and world literature through novels, short stories, drama, essays, poetry, Shakespeare's *Julius Caesar*, and the Arthurian legend. Students will support their interpretations of literature by using such techniques as reasoning, author's tone and purpose, inferences, and literary devices. Paragraph development is emphasized throughout the year with special instruction of the five-paragraph theme, outlining, and the writing process. Vocabulary improvement is stressed. **Students are required to complete summer reading.**

## 050 English 11

Grade 11

Required

Year

1.0 Credit

**-Pre-req:** English 10

English 11 continues and extends the integrated study of reading, writing, listening, and speaking. This course will also deal with American literature and the writing process. A research paper is required.

## 051 Advanced English 11

Grade 11

Required

Year

1.0 Credit

-Recommended for students who are strong, independent readers, especially those planning to attend college

-Recommended B average in English courses

Advanced English 11 will function at a quicker pace and a much deeper, broader level in preparation for post-high school study. A comprehensive, representative survey of American literature will form a major part of this course. Techniques of critical appraisal and response in writing and reading will be incorporated. Writing as a process, usage, reading, style, and mechanics will be emphasized. Term papers will be required. **Students are required to complete summer reading.**

## 055 Honors English 11

Grade 11

Selective

Year

1.0 Credit

**-Pre-req:** Two previous years of advanced English; selection by a placement test

To be selected for this course, the student must have high test scores in language arts and a recommendation by a faculty committee and guidance counselor. A special test will be administered before selection. This course is offered to students who are highly motivated and interested in moving at a faster rate and covering material in greater depth. A comprehensive survey of American literature will be stressed. Literary analysis and a research paper will be included in the writing activities. No AP test is given following this course. **Students are required to complete a summer reading list.**

## 060 English 12

Grade 12  
Year

Required  
1.0 Credit

English 12 continues and extends the integrated study of reading, writing, listening, and speaking. This course studies literature from many countries of the world. Various kinds and types of writing for post-high school will be presented. A grammar review will be coordinated with the improvement of sentence effectiveness. The basic types of organization will be utilized in writing paragraphs and compositions.

## 061 Advanced English 12

Grade 12  
Year

Required  
1.0 Credit

**-Pre-req:** 3 years of English with a B average

-Recommended for students who are strong, independent readers, especially those planning to attend college

This course is designed to give students a good foundation for college and university literature courses. The class traces British literature from Beowulf to the 20th century. Effective writing for college-level courses will be emphasized. Vocabulary enrichment will be coordinated with the improvement of sentence effectiveness in order to develop a better style of writing. Various types of organization will be utilized in writing paragraphs, essays, and literary criticism. Students must produce an acceptable research project to receive course credit. **Students are required to complete summer reading.**

## 065 Advanced Placement English 12

Grade 12  
Year

Selective  
1.0 Credit

-Pre-req: Students must have taken Honors English 11 to apply for this class and have a B average in all subsequent English courses.

-Class members will be required to take the AP examination given by the College Board in May. A fee (approximately \$95.00) is charged for the administration and grading of these tests.

This course is designed for seniors who wish to engage in a rigorous reading and writing course. The AP student is highly motivated and is able to work independently. The goal of this class is to offer a college-level English course that will prepare students to succeed in college and on the AP exam. Unlike other English courses offered, students in this course will primarily read nonfiction texts in the following forms: essays, letters, editorials, criticisms, and autobiographies, biographies, memoirs. Students will also write in a variety of forms on a weekly basis and will be expected to reflect, analyze, and demonstrate extensive critical thinking skills in class discussions and essay writing. An extensive nonfiction reading list will be provided for independent reading during the school year. **Over the summer, students will be required to read two non-fiction selections and write papers over both, which will be turned in at various points during the summer. A third writing assignment will be due on the first day of school.**

## **054 College Credit Plus English I (ENG 1101)**

Grade 9-12

Selective

Semester

1.0 Credit

3.0 Credit Hours from Sinclair Community College

-Pre-req: Students must meet all requirements of the College Credit Plus (CCP) program.

-Pre-req: DEV 0035 OR Placement Test Score

In English Composition I students learn reflective, analytical, and argumentative writing strategies, incorporating sources and personal experience. Students will negotiate between public and private rhetorical situations and purposes to achieve academic literacy. They will write multiple drafts using a recursive writing process as they work toward fluency in style and mechanics.

## **064 College Credit Plus English II (ENG 1202)**

Grade 9-12

Selective

Semester

1.0 Credit

3.0 Credit Hours from Sinclair Community College

-Pre-req: English 1101

English Composition II, building on the skills in English Composition I, develops rhetorical literacy through research, critical reading, and multigenre writing tasks. Through major and minor, cumulative and stand-alone assignments, students construct arguments and analyses, ethically incorporating academic sources while developing their own voices as writers and citizens.



# Family and Consumer Science

Allergen Alert - students will work with gluten, eggs, some nuts or peanuts, soy, and milk during labs. The teacher will work around allergies, if possible, but gluten can be in the air and cross-contamination can occur as other students measure. Steps are taken to reduce the risk of food contamination and to create an awareness of why it is important to be careful when handling foods in class.

## **656A Principles of Food**

## **656B Principles of Food**

Grades 9-10

Elective

Semester

0.625 Credit

**-Fee:** \$18.00

Students will study the five basic food groups and apply the skills of food preparation that promote healthier lifestyles. Students will work with foods that require different cooking methods and examine the food's nutritional value. Safety and sanitation skills will be emphasized. The teacher will select the recipes to be used in class. Students will cook 6-8 times during the semester. There will be a mandatory project. **(POTENTIAL ALLERGIES ALERT)**

## **658B Culinary Fundamentals**

Grades 10-12

Elective

Semester

0.625 Credit

**-Fee:** \$20.00

**-Pre-req:** Principles of Food or Global Foods

**-Will be offered** 2021-2022

Students will learn culinary skills, such as food safety techniques, correct measurement and recognition, adjustment of recipes, selection and proper use of tools and equipment, and the plating of more challenging recipes. Students will select the recipes used and will cook 6-8 times during the semester. This course can potentially lead to an industry credential of Safe Serve. There is a mandatory out of class project related to class materials. **(POTENTIAL ALLERGIES ALERT)**

## **663B Global Foods**

Grades 10-12

Elective

Semester

0.625 Credit

**-Fee:** \$20.00

**-Pre-req:** Principles of Food

**-Will be offered** 2022 -2023

This class will compare traditional global dishes, ingredients, and preferred cooking methods of various cultures. There will be an emphasis on the influence of traditions, regions, and culture on food choices and cooking styles. Students will look at issues and conditions that impact the availability and quality of food in a global market. Students will apply advanced cooking techniques, including specialized and advanced equipment, in the preparation of the food dishes. Students will cook 6-8 times during the semester. Students will examine Middle Eastern, African, Hispanic, Asian, Indian, and European recipes. There is a potential field trip to Jungle Jim's. There is a mandatory out of class project related to the class. **(POTENTIAL ALLERGIES ALERT)**

## **664A Personal Wellness and Development**

Grades 9-12

Elective

Semester

0.625 Credit

-Fee: \$7.00

Students will develop a personalized approach to healthy living. Topics will focus on problem-solving, work-related ethics, nutrition and food selection, dealing with stress and life transitions, communication, personal and family relationships, technology, and personal health. We will cook 4-5 times in the semester. There is a mandatory out of class project related to the class. (POTENTIAL ALLERGIES ALERT)

## **666 Child Development**

## **667 Child Development**

Grades 10-12

Elective

Semester

0.625 Credit

In this course, students will study the principles of child growth, development, and behavior. Topics will include parenting readiness, teen parenting, parenting styles, and healthy prenatal development. Students will examine newborn care and the four areas of child development ranging from birth to 5 years of age. There is a mandatory class-related project. One project choice is working with the electronic baby for a weekend.

## **671A Textiles and Interior Design**

Grades 9-10

Elective

Semester

0.625 Credit

This is an introduction to the basics of fabric construction and interior design. The course will cover a wide range of topics such as the use of sewing machines, textiles, career opportunities, aspects of design, furnishings, and ways to maintain the home. Hands-on projects in both areas and an out of class project will be required.

## **672B Textile Design: Construction and Maintenance**

Grades 10-12

Elective

Semester

0.625 Credit

-Will be offered 2022-2023

In this course, students will study fabrics, design, and construction. Students will identify different fabrics, use them to construct projects using a sewing machine, and evaluate how things are made. Students will discuss the use, alteration, and maintenance of textiles. An out of class project will be required.

## **673B Interior Design: Furnishing and Management**

Grades 10-12

Elective

Semester

0.625 Credit

-Will be offered 2021-2022

In this class, students will look at interior space, function, and design in order to make it more useable by people. Students will look at furnishings, materials, sustainability, traffic patterns, elements of design, and the function of placement. There will be design projects with presentations and an out of class project required.

# Foreign Language

## 131 French I

Grades 9-12

Elective

Year

1.0 Credit

-Good attendance highly recommended

An introduction to French—its basic vocabulary, pronunciation, and grammatical patterns with emphasis on the development of speaking and listening skills. This class also includes exposure to the culture of France and other French-speaking countries.

## 132 French II

Grades 10-12

Elective

Year

1.0 Credit

**-Pre-req:** French I with a grade of C or higher or teacher approval.

-Good attendance highly recommended

A review of French I followed by more advanced work with increased emphasis on speaking and listening skills as well as the development of reading and writing skills. The course includes an additional culture study.

## 133 French III

Grades 11-12

Elective

Year

1.0 Credit

**-Pre-req:** French II with a grade of C or higher or teacher approval.

-Good attendance highly recommended

A continuation of French II. Vocabulary is drawn from current events and normal conversation. Class emphasis is on speaking, listening, and further developing reading and writing skills.

## 134 French IV

Grade 12

Elective

Year

1.0 Credit

**-Pre-req:** French III with a grade of C or higher or teacher approval.

-Good attendance highly recommended

A continuation of French III. Activities include discussions of current events and other topics of interest, a study of French art and/or history, reading a mystery or news stories from the internet, etc.

## **141 Spanish I**

Grades 9-12

Elective

Year

1.0 Credit

-Good attendance highly recommended

Introduction to language and culture. Activities include learning basic vocabulary, listening and understanding, pronunciation, conversation, and development of elementary reading and writing skills. Cultural emphasis is on daily life and customs.

## **142 Spanish II**

Grades 10-12

Elective

Year

1.0 Credit

**-Pre-req:** Spanish I with a grade of C or higher or teacher approval.

-Good attendance highly recommended

Continuation of Spanish I. Student learns more about the usage of the language, expands his vocabulary, and improves reading and writing skills. Continues study of the culture of Spanish-speaking countries.

## **143 Spanish III**

Grades 11-12

Elective

Year

1.0 Credit

**-Pre-req:** Spanish II with a grade of C or higher or teacher approval.

-Good attendance highly recommended

Continuation of Spanish II. Emphasis on conversation, reading, and writing. Introduction to literature, history, and art.

## **144 Spanish IV**

Grade 12

Elective

Year

1.0 Credit

**-Pre-req:** Spanish III with a grade of C or higher or teacher approval.

-Good attendance highly recommended

Continuation of Spanish III. Emphasis on conversation, reading, and writing.

# Health & Physical Education

## 810 Health

## 811 Health

Grades 9-12

Semester

Required

0.5 Credit

This course acquaints the student with individual, family, and community health. The program includes the establishment of practices essential to health, the acquisition of knowledge necessary for health promotion, and the development of attitudes and ideals that will motivate each individual to attain the highest possible level of well-being. A period of time is also devoted to instruction that covers state requirements in safety, first aid, alcohol, tobacco and narcotics, and CPR (Cardiopulmonary resuscitation), AIDS, and sex education.

## 830 Physical Education I

## 831 Physical Education I

Grades 9-10

Semester

Required

0.25 Credit

Instruction includes individual activities, competitive sports, community recreation, and life sports. There is a promotion of competitive spirit, physical development and ability, sportsmanship, and individual interest. Activities include: physical fitness, weight training, softball, track and field, badminton, basketball, hockey, speedball, Frisbee, and a sampling of other team sports. ***Students who fail this class due to nonparticipation during the first semester may NOT reschedule it until the following year. The exception to this rule will be made only when extenuating circumstances exist. Only the building principal will make a decision of this nature.***

**The second required semester for physical education will be met by selecting one of the following classes. The three classes all have the prerequisite of Physical Education I. These classes are open to students in Grades 10-12.**

## 840 Physical Education II

## 841 Physical Education II

Grades 10-12

Semester

Required

0.25 Credit

This class will provide advanced instruction in team sports with a continued focus on improving fitness.

## 845 Weight Training and Physical Conditioning

## 846 Weight Training and Physical Conditioning

Grades 10-12

Semester

Required

0.25 Credit

This class will provide knowledge and skills in various types of weight training and conditioning activities. The purpose of the class is to promote better fitness through weight training activity and exercise. Students interested in pursuing a yearlong training program should schedule this class for both semesters.

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# Industrial Technology

## 610 Introduction to Industrial Technology Careers

Grades 9-10

Elective

Year

1.0 Credit

**-Fee:** \$25.00

Safety glasses required for participation.

This foundation class explores opportunities existing in a variety of today's industrial technology fields. This course introduces the student to basic required skills for many careers in industry and engineering fields by giving the student actual hands-on experiences. Students will examine a variety of opportunities available by learning what skills and education are necessary for success in their chosen field. Not sure of what you may enjoy? This class will use many lab areas including the electricity, woods, metals, and industrial design labs for a very useful cross-section of personal interests and opportunities.

## 611 Basic Electricity / Electronics

Grades 10-12

Elective

Semester

0.5 Credit

**-Fee:** \$25.00

Safety glasses required for participation.

This course introduces students to electrical theory, symbols, and components through illustrations and experiments. Electrical principles and calculations will be presented. Various projects and experiments will guide the student through residential wiring and electronic lab experiments.

## 615 Woods I

Grades 10-12

Elective

Semester

0.5 Credit

**-Fee:** \$30.00

Safety glasses required for participation.

A study of woodworking materials and methods involving project work limited to simple furniture construction using common power tools and small project construction.

## 616 Woods II

Grades 10-12

Elective

Semester

0.5 Credit

**-Pre-req:** Woods I

Safety glasses required for participation.

**-Fee:** \$30.00

Continuation of Woods I. Lab work focuses on a more involved project with additional emphasis on finishing techniques.

## 621A Metals Technology I

Grades 10-12

Elective

Semester

0.5 Credit

**-Fee:** \$30.00

Safety glasses required for participation.

Metals Technology I is an introduction to metal fabrication, which will reflect industrial metalworking. Lab work will emphasize sheet metal, forging, machining, and welding technologies. Students will make metal products and explore the basics of product development. This course explores related careers, materials, tools, and metalworking processes.

## 622 Metals Technology II

Grades 11-12

Elective

Semester

0.5 Credit

**-Pre-req:** Metals I

Safety glasses required for participation.

**-Fee:** \$30.00

Metals Technology II directs the student in the safe use of different types of manual industrial machines. The class will be grouped and assigned a common project, as they participate in a project-based learning process, designed to acquire knowledge and skills in problem-solving, teamwork, and innovation. Students will be provided opportunities to apply knowledge, attitudes, and skills that were learned in Metals I to the design and construction of individual projects. Students will be able to use the welding process(arc,oxy-acetylene, M.I.G., T.I.G., brazing, and soldering) to join metal, the machining process, and the finishing process.

# Math

## Math Pathways

Use this chart as a guide when selecting your Math courses.

		General	College Prep	Honors/AP
<b>9th Grade</b>	Algebra IA	Algebra I	Advanced Algebra I	Advanced Geometry
<b>10th Grade</b>	Algebra IB	Geometry	Advanced Geometry	Advanced Algebra II
<b>11th Grade</b>	Geometry	Algebra II or Math Modeling & Reasoning	Advanced Algebra II or Algebra II	Pre-Calc
<b>12th Grade</b>	Algebra II or Math Modeling & Reasoning	Senior Math	Pre-Calc or Senior Math	Calculus or AP Calculus

### 226 Algebra IA

Grade 9

Required

Year

1.0 Credit

-Placement in the course is based on teacher recommendation.

-Scientific calculator required

This is the first of a two-year sequence that will satisfy the Ohio Core Graduation requirement of Algebra I and provides the foundations for future mathematical courses. Topics include functions, graphs, manipulation of algebraic expressions, and the solutions of equations and inequalities.

Enrollment will be limited to those students who have been identified as needing a stronger foundation to succeed in Algebra I. **Students can only take this course with Teacher**

**Recommendation:** teachers will conduct a close examination of 8th Grade Ohio State Testing, MAPS data, and 8th-grade math grades. Upon successful completion of this course, students will enroll in Algebra IB.

### 228 Algebra IB

Grade 10

Required

Year

1.0 Credit

-Placement in the course is based on teacher recommendation.

-Scientific calculator required

This is the second of a two-year sequence that is only open to students who have taken Algebra IA. Topics include functions, quadratic equations and graphs, exponential expressions, and the solutions of equations and inequalities. Students are required to take the Algebra I End of Course Exam within this course.

## **230 Algebra I**

Grade 9

Required

Year

1.0 Credit

-Recommended for students who need to strengthen their mathematical skills and understanding

-Scientific calculator required

Emphasis will be to provide the students opportunities to understand and use basic algebraic concepts including: writing, interpreting, simplifying, evaluating and/or using algebraic expressions and formulas, solving equations and inequalities, graphing simple functions, organizing and using data, and applying problem-solving strategies. Special emphasis will be given to the algebra concepts on the end of course (EOC) state assessments.

## **231 Advanced Algebra I**

Grade 9

Required

Year

1.0 Credit

-Recommended for students with a good, basic math background, especially those planning to attend college

-Scientific calculator required

Advanced Algebra I is the study of mathematics that introduces the concept of a variable and the skills used to work with expressions containing variables. It is the foundation for further study of mathematics and science. The aim of this course is to analyze a problem situation, translate it into mathematical language, and then use algebraic skills to solve it. Special emphasis will be given to the concepts on the end-of-course (EOC) assessments.

## **240 Geometry**

Grade 10

Required

Year

1.0 Credit

**-Pre-req:** Algebra I

-Recommended for students who need to strengthen their mathematical skills and understanding

-Scientific calculator required

Emphasis will be to provide the student opportunities to understand and use basic informal geometric concepts including angle relationships, perimeter, area, surface area, volume, properties of two-dimensional figures and three-dimensional objects, characteristics of congruent and similar figures, and deductive and inductive reasoning. Special emphasis will be given to the concepts on the end-of-course (EOC) assessments.

## **241 Advanced Geometry**

Grades 9\*-10

Required

Year

1.0 Credit

**-Pre-req:** Advanced Algebra I with a C average or better

-Scientific calculator required

This course integrates the most important parts of solid geometry with plane geometry. How points, lines, planes, triangles, circles, and other figures relate to each other and to the world is studied in depth. The processes of reasoning and organization are emphasized throughout the course. Special emphasis will be given to the concepts on the end-of-course (EOC) assessments.

\*Freshmen must meet two or more of the following conditions:

1. Attain a 3.0 average or better in 8th-grade Algebra I
2. Pass Algebra I post-test (given in the 4th quarter of the 8th-grade year)
3. Be recommended by the Algebra I teacher

## 247 Math Modeling & Reasoning

Grade 11-12

Elective

Year

1.0 Credit

**-Pre-req:** Algebra I & Geometry

The Mathematical Modeling and Reasoning course is designed to promote reasoning, problem-solving, and modeling through thematic units focused on mathematical practices, while reinforcing and extending content in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry. **This course can be substituted for the required Algebra II credit.**

## 250 Algebra II

Grade 11-12

Required

Year

1.0 Credit

**-Pre-req:** Geometry

-Recommended for students who need to strengthen mathematical skills and understanding, especially those planning to enter technical school

-Scientific calculator required

Emphasis will be to provide the student opportunities to understand and use more advanced algebraic concepts including the real and complex number system, solving first and second-degree equations and inequalities, logarithms, and exponential, functions and their graphs, simple matrices, and statistical experimenting.

## 251 Advanced Algebra II

Grades 10-11

Required

Year

1.0 Credit

**-Pre-req:** Completion of both Adv Algebra I and Adv Geometry with a C average or better

-Recommended for students who will continue their education at the college or technical level

**-Graphing calculator required. The TI-83 or TI 84 will be the model used in all demonstrations.**

The topics covered in this course include real and complex number systems, absolute values, linear and quadratic equations, linear and quadratic inequalities, polynomials, rational expressions, functions, coordinate planes with graphing lines and simple conics, exponential and logarithmic functions, sequences, and series, and basic concepts of probability and counting methods.

Emphasis will not only be on skills in these areas but also on using these skills to set up and solve problems like those encountered in various occupations and careers.

## 260 Senior Math

Grade 12

Elective

Year

1.0 Credit

**-Pre-req:** Algebra II

-Scientific calculator is required.

This course is for seniors only. The course will include an introduction to trigonometry and statistics. A survey of related concepts from Algebra and Geometry will be a part of this course as well as problem-solving strategies.

## 270 Pre-Calculus

Grades 11-12

Elective

Year

1.0 Credit

**-Pre-req:** Adv Algebra II with a B average or higher or a C average with the recommendation of the Adv Algebra II teacher

**-Graphing calculator required. The TI-83 or TI 84 will be the model used in all demonstrations.**

This course is for students with above-average math background. It will include the study of functions and trigonometry. It will give solid preparation for calculus, college board exams, and further enrichment of math understanding. This course will be taught from a graphic approach.

## 272 Calculus

Grade 12

Elective

Year

1.0 Credit

**-Pre-req:** 3.0 GPA in Algebra I, Geometry, Algebra II, and Pre-Calculus

**-Graphing calculator required. The TI-83 or TI 84 will be the model used in all demonstrations.**

Calculus is a course for the student who has completed precalculus but does not have a strong enough math background for the rigorous concept development of AP Calculus. This course will develop and apply the concepts of limit, derivative, definite integral, and antiderivative as used in many non-science disciplines at the college level.

## 275 AP Calculus

Grade 12

Selective

Year

1.0 Credit

**-Pre-req:** 3.5 GPA in Algebra I, Geometry, Algebra II, and Pre-Calculus or recommendation of Math department

**- Graphing calculator required. The TI-83 or TI 84 will be the model used in all demonstrations.**

-Class members will be required to take the AP Calculus examination given by the College Board in May. A fee (approximately \$95) is charged for the administration and grading of these tests.

A. P. Calculus consists of work in calculus and related topics comparable to courses in colleges and universities. A set curriculum is followed nationwide.



# Music

## 740 Symphonic Band

Grades 9-12

Elective

Year

1.0 Credit

**-Fee:** \$10.00

-New members are required to purchase concert attire.

Open to all high school students- activities include approximately four concerts a year. Music played covers a wide range from classical to popular.

## 741 Wind Ensemble

Grades 9-12

Elective

Year

1.0 Credit

**-Pre-req:** Students must audition.

**-Fee:** \$10.00

-Recommended for advanced music students.

-New members are required to purchase concert attire.

A select group of approximately 45 members, which is open to membership by audition only. The music performed includes the most difficult high school level music and much college-level material. Activities include approximately four concerts a year.

## 749 Men's Chorus

Grades 9-12

Elective

Year

1.0 Credit

Men's Chorus is a choral ensemble for Tenor, Baritone, and Bass voices. It provides students with the opportunity to perform choral music. This ensemble studies a variety of musical styles. Students will be expected to rehearse and perform using a **moderate** level of musicianship and will grow in their musical knowledge of sight-singing, solfege, vocal technique, choral singing, and music theory. Required evening concerts will be given throughout the year including fall, Holiday, spring, and possibly Large Group OMEA Adjudicated Event in March. Students will also have the opportunity to participate in OMEA Solo and Ensemble Adjudicated Events.

## 750 Women's Chorus

Grades 9-12

Elective

Year

1.0 Credit

Women's Chorus is a choral ensemble for Soprano, Second Soprano, and Alto voices. It provides students with the opportunity to perform choral music. This ensemble studies a variety of musical styles. Students will be expected to rehearse and perform using a **moderate** level of musicianship and will grow in their musical knowledge of sight-singing, solfege, vocal technique, choral singing, and music theory. Required evening concerts will be given throughout the year including fall, Holiday, spring, and possibly Large Group OMEA Adjudicated Event in March. Students will also have the opportunity to participate in OMEA Solo and Ensemble Adjudicated events.

## 752     **Advanced Mixed Chorus**

Grades 10-12

Elective

Year

1.0 Credit

**-Pre-req:** By audition only; one year of experience in another high school choir is preferred

Mixed Chorus is an advanced choral ensemble for experienced male and female voices. Mixed Chorus studies a variety of musical styles within the choral genre from Renaissance and classical to jazz and Broadway, which may include staging and choreography. Students will be expected to rehearse and perform using an **advanced** level of musicianship and self-discipline and will grow in their musical knowledge of sight-singing, solfege, vocal technique, choral singing, and music theory. Required evening concerts will be given throughout the year including fall, Holiday, Spring, and Large Group OMEA Adjudicated Event in March, as well as community performances throughout the year. Students will also have the opportunity to participate in OMEA Solo and Ensemble Adjudicated events.

## 761     **Music Theory**

Grades 11-12

Elective

Year

1.0 Credit

**-Pre-req:** Knowledge of music such as notes, scales, rhythms, etc

A study of the analysis, mechanics, and construction of music with specific work in the area of intervals and chords. Also includes ear training and music dictation. This course is meant for the more serious music student and should be taken by all students who plan to enter the field of music, but the course is not limited to only college-bound music majors.

# Science

## Science Pathways

Use this chart as a guide when selecting your Science courses.

	General	College Prep	Honors/AP
<b>9th Grade</b>	Physical Science	Advanced Physical Science	Advanced Physical Science
<b>10th Grade</b>	Biology	Advanced Biology	Advanced Biology
<b>11th Grade</b>	Environmental Science or Consumer Chemistry	Chemistry	Honors Chemistry
<b>12th Grade</b>	No required course; May take as elective	Physics or Anatomy/Zoology	AP Physics

### 330A Physical Science

### 330B Physical Science

Grade 9

Required

Semester

0.5 Credit

**-Fee:** \$6.00

-To fulfill requirement students must receive credit for both semesters A & B

A comprehensive study of the physical world including chemistry and the universe. Physical Science A will include everything from atomic structure, the periodic table, chemical reactions, and bonding to the universe and stars. Physical Science B is a study of the physical world with topics such as motion, work, power, energy, waves, electricity, and force. All material is covered in order to prepare students for the Ohio Graduation Test and all state required assessments. Some lab and research technology activities are required.

### 331A Advanced Physical Science

### 331B Advanced Physical Science

Grade 9

Required

Semester

0.5 Credit

**-Fee:** \$6.00

-To fulfill requirement students must receive credit for both semesters A & B

Advanced Physical Science is a detailed study of multiple scientific disciplines. This course is designed for freshmen with strong academic ability and an interest in science. Semester A topics include atomic structure, the periodic table, chemical reactions, bonding, the universe, and stars. Semester B focuses on the study of physics with topics such as motion, work, power, energy, waves, electricity, and force. Lab activities, research, and considerable time working and studying outside of class can be expected. Students opting for this level should be considering a college prep curriculum.

### **340A Biology**

### **340B Biology**

Grade 10

Required

Semester

0.5 Credit

**-Fee:** \$10.00

**-To fulfill requirement students must receive credit for both semesters A & B**

This course will cover a comprehensive list of biological topics that satisfies the current Ohio learning standards and will prepare students to take the Biology End-of-Course Assessment. Topics include cells, heredity, evolution, and diversity, and interdependence of life. Students will learn through inquiry-based lab activities, real-world applications, and research-based projects. Students may not receive credit for both 340 and 341.

### **341 Advanced Biology**

Grade 10

Required

Year

1.0 Credit

**-Pre-req:** Grade of B in Physical Science

**-Fee:** \$10.00

**-Recommended for advanced students.**

This course is a lecture-based course that will include lab work, group projects, and hands-on activities. The first semester will focus on cell biology and the second will be used to explore the structure and function of organisms and their relationship to their surroundings. This course is for those interested in science that are planning to continue formal education after high school.

### **350A Consumer Chemistry**

### **350B Consumer Chemistry**

Grades 11-12

Required

Semester

0.5 Credit

**-Pre-req:** Two prior science credits required for admission and successful completion of Math II or Algebra I

**-Fee:** \$15.00

**-To fulfill requirement students must receive credit for both semesters A & B**

**-Students must complete 350A, before taking 350B.**

**-Credit will not be given for 351 Chemistry or 355 Honors Chemistry.**

This course will provide the fundamentals of physical science applied to the chemistry of home, work, and society. Subjects covered will include the chemistry of water, resources, petroleum, food, and the atmosphere. Students will be required to solve mathematical equations. Laboratory experiences will be required.

## 351 Chemistry

Grades 11-12

Required

Year

1.0 Credit

**-Pre-req:** Students must have passed the math portion of the OGT, passed Algebra I with a C average, and passed an Algebra entrance exam.

**-Fee:** \$20.00

-Student must sign a safety contract.

A study of the composition of matter and changes in composition with topics including atomic structure, chemical, and physical changes, the periodic table, chemical bonding, formulas, equations, solutions, ionization, acids, bases, salts, and radioactivity. Math problems dealing with equations are required. Work consists of lectures, demonstrations, and lab work. This course is provided for those students planning to continue a post-high school education such as technical training, nursing, school, college, etc. This course will meet the requirements of lab science for college entrance. The math work and lab work will not be as involved as Honors Chemistry.

## 355 Chemistry Honors

Grade 11

Selective

Year

1.0 Credit

**-Pre-req:** Grade of B in Algebra I or recommendation of math department

**-Fee:** \$20.00

-3.0 GPA, Science GPA of 3.3.

-A qualifying exam may be used in the selection process

- Application must be submitted. Acceptance by science department faculty.

-Student must sign a safety contract

A lab-oriented course involving a study of the composition of matter and changes in composition, which will include atomic structure, chemical, and physical changes, the periodic table, chemical bonding, formulas and equations, solutions, ionization, acids, bases, salts, and radioactivity. Math problems and chemical equations are a necessary part of the work. Work consists of lectures, class discussions, demonstrations, and lab work. Emphasis is placed on the development of critical thinking, scientific literacy, and appreciation of science. This course is provided for those students planning to continue a post-high school education such as technical training, nursing school, college, etc. This course will meet the requirement of lab science for college entrance.

## 357A Environmental Science

## 357B Environmental Science

Grades 11-12

Required

Semester

0.5 Credit

**-Fee:** \$12.00

-To fulfill requirement students must receive credit for both semesters A & B

This course will provide the student an overview of environmental issues and provide the opportunity to become an informed citizen. In addition to classroom work, students will have laboratory experiences, library research, and computer-based projects. Topics covered will include ecosystems, human population, land use, food production, air and water pollution, climate, biodiversity, environmental law, and environmental world wide view and philosophy.

### 359A Zoology

Grade 12

Elective

Semester

0.5 Credit

**-Pre-req:** Chemistry

**-Fee:** \$20.00

-3.0 GPA, Science GPA of 3.3. (preferred)

-To fulfill requirements students must receive credit for both 359A and 359B

- Qualifying exams may be used in the selection process.

This course is a detailed study of the different phyla of the Animal Kingdom. It is designed to give students an opportunity to explore the anatomy and physiology of organisms in the Animal Kingdom through dissection. Major themes in this course include: Homeostasis of organisms, habitat and ecological roles of organisms, life cycles and reproductive cycles of organisms, and the anatomy and physiology of organisms in the Animal Kingdom. Dissection is a required part of the class. This class is recommended for students wanting to pursue a career in the Biological or Medical Sciences.

### 359B Human Anatomy and Physiology

Grade 12

Elective

Semester

0.5 Credit

**-Pre-req:** Chemistry

**-Fee:** \$10.00

-3.0 GPA, Science GPA of 3.3. (preferred)

-To fulfill requirements students must receive credit for both 359A and 359B

- Qualifying exams may be used in the selection process.

Human Anatomy and Physiology is a detailed study of the anatomy and physiology of the human body. This semester class presents a systematic approach to the study of the human body. Lecture presentation begins with an introduction to anatomical terminology, an overview of cellular processes and tissue classification. Students will then learn the gross anatomy of the following systems: skeletal, muscular, circulatory, respiratory, and digestive. Dissection is a required part of the class. This class is recommended for students wanting to pursue a career in the Biological or Medical Sciences.

### 360 Physics

Grade 12

Elective

Year

1.0 Credit

**-Pre-req:** Chemistry and Algebra II

**-Fee:** \$15.00

-2.5 Science and Math GPA

-Must take Senior Math or higher concurrently

-A strong mathematical background is recommended.

Physics is the mathematical study of force and energy. This class is a conceptual overview of the field with an emphasis placed on laboratory work and problem-solving. Projects throughout the year may include designing lab activities and demonstrations, participating in a MythBusters project, and a superhero project. This class is recommended for those students that wish to attend college after graduation.



## 365    **Advanced Placement Physics**

Grade 12

Selective

Year

1.0 Credit

**-Pre-req:** Chemistry and Pre-Calculus

**-Fee:** \$20.00

-3.5 Science and Math GPA

-Calculus is preferred and highly recommended.

-A strong mathematical background is recommended.

-Application must be submitted, acceptance based on Science Department recommendation.

-Class members will be required to take the AP examination given by the College Board in May. A fee (approximately \$95.00) is charged for the administration and grading of these tests.

Physics is the mathematical study of force and energy. This class is an intensive and fast-paced overview of the field. Heavy emphasis is placed on laboratory work and problem-solving. Projects throughout the year may include building a roller coaster, designing demonstrations and lab activities, participating in a MythBusters project, and participating in a superhero project. This class is strongly recommended for those students that wish to pursue a career in engineering or the scientific field but any college-bound student is welcome to apply.

# Social Studies

## Social Studies Pathways

Use this chart as a guide when selecting your Social Studies courses.

	General	College Prep	Honors/AP
<b>9th Grade</b>	World History	Advanced World History	Advanced World History
<b>10th Grade</b>	American History	Advanced American History	Advanced American History
<b>11th Grade</b>	American Government	Advanced American Government	AP American Government
<b>12th Grade</b>	No required course; May take as elective	Current Events or Psychology	Current Events or Psychology

### 430 World History

Grade 9  
Year

Required  
1.0 Credit

Ninth grade students begin the chronological study of world history. This incorporates each of the seven standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

### 431 Advanced World History

Grade 9  
Year

Required  
1.0 Credit

-This course will be a prerequisite for Advanced American History and AP American Government.

Ninth grade students begin the chronological study of world history. This incorporates each of the seven standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills. Research projects will be required.

### 440 American History

Grade 10  
Year

Required  
1.0 Credit

**-Pre-req:** World History

Tenth-grade students continue the chronological study of the history of the United States with an emphasis on domestic affairs. This study incorporates each of the seven standards. As students study historic eras, they consider the geographic, cultural, economic, and government changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

## **441 Advanced American History**

Grade 10 Required

Year 1.0 Credit

**-Pre-req:** World History or Advanced World History

-This course will be a pre-requisite for AP American Government.

Tenth-grade students continue the chronological study of the history of the United States with an emphasis on domestic affairs. This study incorporates each of the seven standards. As students study historic eras, they consider the geographic, cultural, economic, and government changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Research projects will be required.

## **460 American Government**

Grade 11 Required

Year 1.0 Credit

This will be a general survey course of the structure and functions of American Government. Students will be assigned 15 hours of community service to complete which includes at least 5 political hours.

## **461 Advanced American Government**

Grade 11 Required

Year 1.0 Credit

This is a study of the structure and functions of the federal, state, and local government with an emphasis on the political process and current events. Projects will be required in this class. Students will be assigned 15 hours of community service to complete which includes at least 5 political hours.

## **465 Advanced Placement American Government**

Grade 11 Selective

Year 1.0 Credit

**-Pre-req:** To select this course a student must have a cumulative grade of A- or better in Advanced World History and Advanced American History. Students must also have a recommendation by a History and/or English instructor as to their writing ability.

-Class members will be required to take the AP examination given by the College Board in May. A fee (approximately \$95.00) is charged for the administration and grading of these tests.

-Class members may have required summer assignments.

This will be a college-level course in American Government. Students who are accepted must be self-motivated and willing to work independently. Students should plan to have 1-2 hours of homework per day. This course will carry weighted grades. Students will be assigned 15 hours of community service to complete which includes at least 5 political hours.

***\*NOTE: You may take Behavioral Psychology without taking  
Introduction to Psychology.***

## **467 Introduction to Psychology**

Grades 11-12

Elective

1st Semester

0.5 Credit

This will be an introductory course in Psychology. The first semester will include Methods of Psychology; Brain, Body, Awareness; Principles of Learning, Memory, Intelligence, Creativity; and Human Development. Preference will be given to seniors if needed.

## **468 Behavioral Psychology**

Grades 11-12

Elective

2nd Semester

0.5 Credit

This will be an introductory course in Psychology. The second semester will include learning units covering the topics of Personality, Adjustment, Conflict; Psychological Disorders; and Sociocultural Influence and Self. Preference will be given to seniors if needed.

## **470 Current Events I**

## **471 Current Events II**

Grades 11-12

Elective

Semester

0.5 Credit

The focus of this class will be those current events that are changing our social, political, and economic conditions, as they shape our world today. The students will, along with the teacher, provide topics for class discussions and analysis. Daily news sources, such as newspapers, television news shows, magazines, and the internet will be used in this class. Preference will be given to seniors if needed.

# Additional Programs

## Career Based Intervention

Selective

- Pre-req: Must be employable
- Open to students in grades 11-12

Career Based Intervention is a vocational program designed for students who want to make employment part of their high school curriculum. The Career Based Intervention Program emphasizes small group instruction, vocational orientation, and work experience. The program also provides assistance to those students who need to improve their attendance or pass state-mandated tests needed for graduation.

The major purpose is to help students successfully complete a vocational or academic high school program. The ultimate goal is to produce well adjusted, educated, productive, and responsible citizens. To accomplish this, the Career Based Intervention Program:

- can allow eligible students early dismissal
- allows an opportunity for credit recovery using online instruction for academic courses
- involves the school, community, and parents in partnerships to assure the students' progress in their own career
- imparts the value of work to students by utilizing paid work experiences that comply with the child labor laws
- 1.0 credit each for English, Science, Social Studies and/or Math
- 1.0 credit Job Related (can be used as business/technology credit)
- 0.5 - 4.00 credits Job Lab

## Mild/Moderate Resource Room

Selective

This program is designed to meet the individual needs of each student through regular class intervention, tutoring, and small group instruction. Individualized education plans (IEP's), which take into account a student's strengths and weaknesses, are outlined for each student.

## GRADS

Selective

GRADS (Graduation, Reality, and Dual-Role Skills) is an in-school secondary program for pregnant and parenting teens (males and females) in grades 9-12. GRADS offers students an opportunity to share ideas, gain confidence, and learn more about their changing roles. The purpose of GRADS is to increase the likelihood that young parents will remain in school to the point of graduation. For more information on GRADS, see your counselor.

# College Credit Plus (CCP)

## What is CCP?

- CCP is part of Ohio law that requires all state public high schools to provide students with an opportunity to earn college credit toward a degree or career certification during their high school career.
- CCP replaces PSEO (Post Secondary Educational Options) and Dual Enrollment programs.
- CCP courses count for both high school and college credit.
- Students can choose **any course** that is not remedial or religious and applies toward a degree or professional certification, in a subject area in which the student is college-ready.

## Am I eligible to participate?

- The student must meet the participation requirements set by the college/university that he/she chooses to attend and be accepted by the college.
- The student may be required to take a placement test and/or meet other criteria for the college.

## Cost and Credit:

- There is no cost to participate in CCP courses offered at a public college/university.
- There may be additional fees to participate in CCP courses offered by a private college/university.
- Successful completion of the course results in earned credit on both the student's high school AND college transcript.
- The student's CCP course grade will be reflected on both transcripts.
- The CCP grades are computed into the high school grade point average.

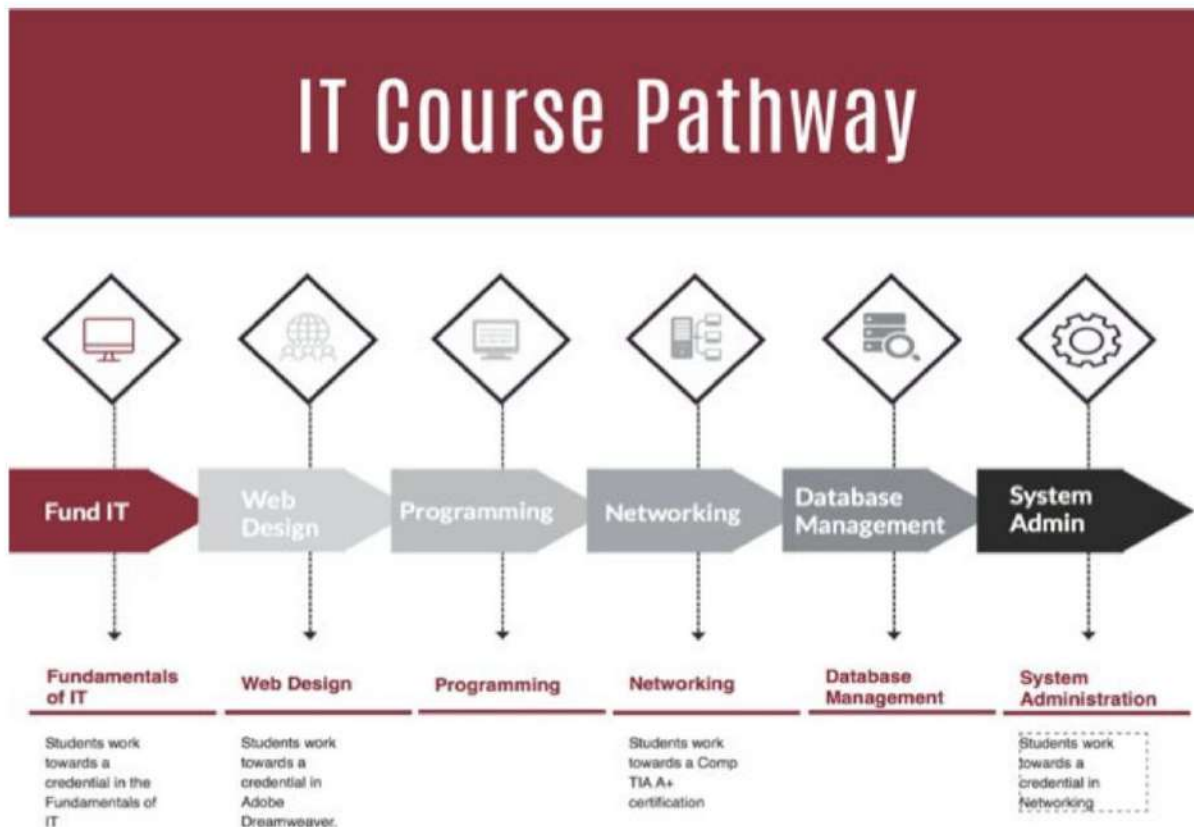
## Dates and Deadlines:

- **Students must turn in the letter of intent to participate by April 1<sup>st</sup>.**
- Registration deadlines set by the college must be met.

## Need more Information?

- Visit the [Ohio Department of Higher Education](#) website.
- Contact your school counselor.
- Visit the [Tecumseh High School College Credit Plus](#) webpage. Due to Covid restrictions, the Clark County CCP meeting will not be held this winter. In lieu of the in-person meeting, all information for the 2021-22 school year will be posted on January 27.





## Fundamentals of I.T.

Fundamentals of Information Technology (IT) is a semester course which introduces the essential technical and professional skills required for students to pursue programs leading to professional careers and IT certifications. Students investigate career opportunities and technologies in four major IT areas: Information Services and Support, Network Systems, Programming, and Software Development, and Interactive Media. Students will evaluate the impact of IT on other career clusters. The focus of the IT Fundamentals course is the introduction of skills related to information technology basics, Internet fundamentals, network systems, computer applications, computer maintenance/upgrading/troubleshooting, programming, graphics, Web page design, and interactive media. Students explore ethical issues related to computers and Internet technology and develop teamwork and communication skills that will enhance their employability. **(Offered in 2021-2022)**

## Web Design

Throughout this semester course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, and multimedia; and producing a functional, multi-page website. Students will have the opportunity to imaginatively create aesthetically pleasing websites. **(Offered in 2021-2022)**

## Computer Networking

The Computer Networking full-year course explains, in a theoretical and practical framework, how communication occurs across a network. Students study such topics as computer/network hardware, network media, topologies, security, protocols, network architectures, IP addressing, and the Transmission Control Protocol/Internet Protocol (TCP/IP) model. Hands-on, active learning required. This course is to answer the basic question “how do computer networks and the internet operate?” **(Offered in 2022-2023)**

Prerequisite: successful completion of Fundamentals of I.T. (please refer to the I.T. course pathway)

## Computer Programming

This programming full-year course introduces learners to computer programming and problem-solving. In this course, students will learn about the basic elements of a computer program. Learners will learn and practice using expressions, repetition, and decision-making mechanisms and structures. The concept of modularity will be introduced with the implementation of methods (functions). The Java programming language will be used for this course. The first semester focuses on console programming and general language syntax and carries through the use of file handling for data processing. **(Offered in 2022-2023)**

Prerequisite: successful completion of Fundamentals of I.T. (please refer to the I.T. course pathway)

## Database Management

In this full-year course, students explore the fundamental methods of developing and managing databases connected to business operation and functionality. Emphasis is placed on efficient search and data mining capabilities to give users the necessary capabilities along with sufficient ease of access. Students gain hands-on experience through the use of current database systems to determine benefits and shortcomings.

**(Offered in 2022-2023)**

Prerequisite: successful completion of Fundamentals of I.T. (please refer to the I.T. course pathway)

## System Administration

In this sequence of IT courses (one semester), students get a more in-depth look at the knowledge and skills to oversee an organization's computer systems. Various topics including security maintenance, user support, and backup and restoration procedures are discussed in detail. Students explore the role of administrators in solving potential problems and successfully implementing technology resources to meet business needs. **(Offered in 2022-2023)**

Prerequisite: successful completion of Fundamentals of I.T. (please refer to the I.T. course pathway)