

Course Guide



Tallmadge High School

2025 – 2026 School Year

"Every Tallmadge graduate is successfully employed, enrolled or enlisted."

Tallmadge High School

140 North Munroe Road

Tallmadge, OH 44278

Phone: 330-633-5505

Fax: 330-475-0566

www.tallmadgeschools.org

The faculty and staff are eager to support your student as they begin the process of planning and preparing for the next academic year. This Program Planning Guide is designed to assist you along the way as you chart the next steps. This document showcases the expansive course offerings and flexibility within Tallmadge High School. The amount of information that is available to families has never been greater. With that being said, this document serves as official operating standards followed by principals, school counselors, and other school leaders. Information in this document is annually reviewed and updated based upon local and state initiatives. I encourage you to review this at your convenience.

The mission at Tallmadge High School is simple. We strive to see every graduate successfully employed, enrolled, or enlisted (3E's) at the completion of their high school requirements. Preparing and supporting our students is no easy feat. More options are readily available to students than ever before. Future decisions should align with the chosen "E," whether that is employed, enrolled or enlisted. Recently, Tallmadge City Schools embarked on a journey to clearly identify the attributes of all students known as the "[Portrait of the Graduate](#)" and hope you find this North Star useful. Additionally, the district clearly defines stakeholders, key instructional strategies, and guiding principles in the "[Directional System](#)." Both of these documents are at the core of our student experience.

Opportunity awaits for any student who is enrolled at Tallmadge High School. Strong core classes, Advanced Placement courses, elective options, and a vast array of Career and Technical Education programs are available. Taking action on your personal goals now will only help you in the future. I'd like to emphasize that this document exists for parents, caregivers, or guardians to support your student in their journey in high school. Reflect, consider, and review your student's choices wisely as this may have great impact on future opportunities. For additional information, [please seek out resources](#) provided by our counseling office.

Thanks,



Mark Horner

Building Principal

Tallmadge High School

horner.mark@tallmadgeschools.org

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The Tallmadge City School District does not discriminate on the basis of race, sex, or handicap in educational programs, activities, and employment practices, as required by Title IX of the Educational Amendments of 1972, and Sec. 504—Rehabilitation Act of 1973.

Graduation Requirements

Department	Required Classes
English	4 credits
Math	4 credits Must include 1 credit of Algebra II or the equivalent of Algebra II
Science	3 credits Must include: 1 credit Physical Science 1 credit Biological Science 1 credit Advanced Science
Social Studies	4 credits Courses: World History - 9 th United States History - 10 th US Government & Politics - 11 th Elective Social Studies course - 12 th
Financial Literacy	1 credit Financial Literacy Course: Business Foundations (Grade 9 or 10)
Fine Arts	1 credit
Physical Education & Health	0.50 credit - Physical Education* 0.50 credit - Health
Electives	8 credits total Any combination of Foreign Language, Business, Fine Arts, Career Tech, Family & Consumer Sciences, Technology, English, Math, Science or Social Studies not previously required
Testing Requirements	Ohio's State Tests (OST) and Ohio Graduation Seals (refer to THS Graduation & Testing Requirements website for updates)
Total Credits Required	26

Physical Education Waiver

Students who have participated in interscholastic athletics, marching band, show choir or cheerleading for at least two full seasons, as defined in the Tallmadge High School handbook, while enrolled in grades 9 through 12, and as confirmed by the athletic director and school counselor, may be excused from the high school physical education requirement.

If a student does earn a PE waiver using the guidelines above a grade of "P" (passing) will be added to the student's transcript with .50 credit earned. The grade of "P" will not affect the grade point average. The student must still take a 0.5 credit Health course in order to meet state requirements for Health education.

The MANY Ways to earn an Honors Diploma

Students can only earn one Honors Diploma. Students who earn an Honors Diploma will receive: recognition in graduation program, a cord to wear with cap and gown, and an Honors Diploma Seal.

Please refer to the [Tallmadge High School Honors Diploma Worksheet](#)



Education.Ohio.gov

Mike DeWine, Governor Jon Husted, Lt. Governor Stephen D. Dackin, Director

Ohio High School Honors Diplomas

Students must meet **all but one** of the listed criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met. Each of these criteria go beyond the standard course requirements for a diploma, which can be found [here](#). Students may replace any of the **blue** options with a "Student Strength Demonstration."

Requirements	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma	Social Science & Civic Engagement Honors Diploma
1.	4th Math must be greater than Algebra 2	4th Math must be greater than Algebra 2	4th Math must be greater than Algebra 2	4th Math must be greater than Algebra 2	4th Math must be greater than Algebra 2	4th Math must be greater than Algebra 2
2.	1 additional unit of Advanced Science ²	1 additional unit of Advanced Science ²	Proficient pathway score on WebXams ³	1 additional unit Advanced Science ²	4 units fine arts	2 additional units Social Studies
3.	1 additional unit of Social Studies	1 additional unit Social Studies	4 units of Career-Tech Courses	2 units of additional STEM Courses as electives	Electives - 2 Units of Fine Arts (may overlap with general 4 units)	Meet the requirements to earn the Citizenship Seal
4.	3 sequential units of one world language, or no less than 2 sequential units of two world languages studied	3 sequential units of one world language, or no less than 2 sequential units of two world languages studied	2 units of one world language	3 sequential units of one world language, or no less than 2 sequential units of two world languages studied	3 sequential units of one world language, or no less than 2 sequential units of two world languages studied	3 sequential units of one world language, or no less than 2 sequential units of two world languages studied
5.	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
6.	27 ACT/1280 SAT ⁶	27 ACT/1280 SAT ⁶	27 ACT/1280 SAT ⁶ /WorkKeys ⁵	27 ACT/1280 SAT ⁶	27 ACT/1280 SAT ⁶	27 ACT/1280 SAT ⁶
7.	Earn 2 additional diploma seals, *not including the Honors Diploma Seal	Meet requirements to earn the Seal of Biliteracy	Meet the requirements to earn the Industry-Recognized Credential Seal or Technology Seal	Meet the requirements to earn the Industry-Recognized Credential Seal or Technology Seal	Meet the requirements to earn the Fine Arts Seal	Meet the requirements to earn the Community Service Seal
8.	Meet requirements of one of the Experiential Learning options ⁴	Meet requirements of one of the Experiential Learning options ⁴	Meet requirements of one of the Experiential Learning options ⁴	Meet requirements of one of the Experiential Learning options ⁴	Meet requirements of one of the Experiential Learning options ⁴	Meet requirements of one of the Experiential Learning options ⁴
Substitution	Students may replace one of the blue options with a "Student Strength Demonstration" ¹	Students may replace one of the blue options with a "Student Strength Demonstration" ¹	Students may replace one of the blue options with a "Student Strength Demonstration" ¹	Students may replace one of the blue options with a "Student Strength Demonstration" ¹	Students may replace one of the blue options with a "Student Strength Demonstration" ¹	Students may replace one of the blue options with a "Student Strength Demonstration" ¹

Students may replace one of the options in "Blue" (options 4, 5, or 6) with a "Student Strength Demonstration"¹

HONORS DIPLOMA NOTES:

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

1. Students can use the **Student Strength Demonstration** to replace one of **ACT/SAT, GPA or World Language** requirements for any Honors Diploma.
 - a. [College Credit Plus](#) (CCP): Earn 12 college credits through the College Credit Plus program
 - b. [Advanced Placement](#) (AP): Complete three Advanced Placement (AP) courses with a score of 3 or higher on the corresponding AP Exam
 - c. [Career-Technical Assurance Guide](#) (CTAG): Earn 12 articulated college credits through CTAGs
 - d. [Apprenticeship/Pre-Apprenticeship](#): Complete an apprenticeship registered with the Ohio State Apprenticeship Council; complete a pre-apprenticeship program recognized by the Ohio State Apprenticeship Council; or submit evidence of acceptance into an apprenticeship if the program requires applicants to be 18 or older to enroll
 - e. ***[WorkKeys](#)**: Earn a score of 6 or higher on all three sections of the WorkKeys test *

Note: Students seeking the Career-Tech Honors Diploma may only use this demonstration as a substitute for the World Language criteria. This demonstration may not be used as a substitute for the GPA and ACT or SAT Score criteria for purposes of the Career-Tech Honors Diploma.

 - f. [Armed Services Vocational Aptitude Battery \(ASVAB\)](#): Earn a score of 50 or above on the ASVAB Test
 - g. [Work-Based Learning](#): Complete 250 total hours or more of work-based learning
2. Advanced science courses contain rigorous content appropriate for grades 11 and 12. An advanced science course builds on the concepts and skills developed in the physical science and biology courses detailed in Ohio's Learning Standards for Science.
3. Student must achieve a cumulative score of proficient or higher on the technical assessments aligned to their program. Technical assessments may include: WebXam test, industry-recognized credentials in lieu of the WebXam test, and College Credit Plus Career Technical Education course grades.
4. Students can satisfy the experiential-learning requirement by completing or attaining one of the following options: [field experience](#) and [portfolio](#), OhioMeansJobs Readiness Seal, or work-based learning.
5. Students using WorkKeys to satisfy this assessment requirement must earn a score of six or higher on all three sections of the WorkKeys assessment (Graphic Literacy, Workplace Documents, and Applied Mathematics). The WorkKeys option applies only to the Career Tech Honors Diploma.
6. Students must have scores of 27 or higher on the ACT or 1280 or higher on the SAT or their equivalents on previous or future versions of the tests. The ACT writing and SAT essay sections are not included. Students can use a superscore on the ACT or SAT to meet the required scores.

Grading Policy for Tallmadge High School

Letter Grade	Percentage	Grade Points	Weighted for Honors Classes	Weighted for AP Classes
A+	98.00-100.0	4.33	4.83	5.33
A	93.00-97.99	4.00	4.50	5.00
A-	90.00-92.99	3.67	4.17	4.67
B+	87.00-89.99	3.33	3.83	4.33
B	83.00-86.99	3.00	3.50	4.00
B-	80.00-82.99	2.67	3.17	3.67
C+	77.00-79.99	2.33	2.83	3.33
C	73.00-76.99	2.00	2.50	3.00
C-	70.00-72.99	1.67	2.17	2.67
D+	67.00-69.99	1.33	1.33*	1.33*
D	63.00-66.99	1.00	1.00*	1.00*
D-	60.00-62.99	0.67	0.67*	0.67*

*D+, D and D- are not acceptable in AP and Honors courses; no additional weight will be granted.

Students will receive weighted grades for each Advanced Placement (AP) class, Honors Class, and some CCP courses taken.

Total credits required to graduate: 26.0

Sophomore standing benchmark: 5.50

Junior standing benchmark: 12.5

Senior standing benchmark: 19.0

Recommended Curriculum for the Prospective College Student:

4 credits English 4 credits Math,

4 credits Social Studies 3 credits Science

1 credit Fine Arts 3 credits Foreign Language

Earning Credit

Existing policy states that all students must pass the last nine week grading period or the exam in order to earn credit for a course.

Graduation Policy

To graduate from Tallmadge High School, final credits for the last semester must be awarded by Tallmadge High School. Transfer grades will be matched with existing courses at Tallmadge High School. Transfer students must meet the same requirements as all other students.

Academic Awards & Recognition

Students are recognized for their academic achievements in various ways including:

Distinguished Scholars, Laude Honors System and Honors Diploma.

For specific criteria about these recognitions visit the THS [Academic Awards webpage](#).

Student Course Load

All students are required to fill all 8 semester blocks for each school year. Administration must approve any exceptions. While scheduling students should try to balance their course of study between academic core subjects and electives so that it remains manageable for the individual student and also aligns with chosen pathway after high school (Enroll, Enlist, Employ.) Each student's course of study should be planned in conjunction with the student's parents, teachers and school counselor. Exceptions: College Credit Plus (CCP) students, Career & Technical Education (CTE) students, Career Based Intervention (CBI) students, and students with IEPs who qualify for work experience credit(s).

Earning High School Credit While in Middle School

Grades and credit will show on the transcript, however these grades will not be included in the overall cumulative GPA. This policy is applicable to Tallmadge students and transfer students.

Course Change Policy

As a counseling department, we are committed to helping students make thoughtful and informed courses choices. The Master Schedule is based upon student course registrations, which limit the opportunity for course changes once schedules are created. There will be no change made because you changed your mind about a course. Any schedule change made after the first 3 days of the semester must be made with administration approval.

Students must fill out a Schedule Change Request Form. [\[Click Here for Form\]](#)

SCHEDULE CHANGES WILL ONLY BE CONSIDERED FOR THE FOLLOWING REASONS:

- Did not receive a course required for graduation
- Enrolled in a course you have already completed and received credit
- Enrolled in a course for which you have not met the prerequisite
- Missing a class, incomplete schedule
- Technical error made in the process of scheduling the student's request.
- Have a physical injury that does not allow participation in a class
- Scheduled for same course twice
- Wish to increase rigor of schedule

Repeating a Course

A student may repeat a course they have previously passed or failed. The last grade will be recorded and used in computing grade point average. Courses may be repeated within one school year. Credit may be granted only once.

Early Completion of High School

The high school administration, teaching and counseling staff feels that each students benefits educationally and socially from attending high school for four full years and taking a variety of courses. Any exceptions to this four year plan must be initiated with the student's school counselor before the end of the student's sophomore year.

Release of Confidential Information

Under Federal Law, "The Family Educational Rights and Privacy Act of 1974," schools must permit parents of students to inspect their children's records upon request and must not permit other persons or agencies not specified by the law to have access to student's records without written parental consent. These rights are granted to the students themselves if they are over the age of 18 years. Granting or denying access to records must be made within 45 days of the initial request.

High School Athletic Eligibility

According to the State of Ohio minimum requirements, students in grades 9, 10, 11 or 12 must be enrolled in the district during the grading period and receive passing grades during that grading period in subjects that earn a minimum of 5.0 credits per year towards graduation. In block scheduling a student must pass 3 or more blocks that have a sum total of 5.0 credits per year.

To be eligible a student must earn a 1.25 G.P.A. in the grading period prior to and during the athletic season. Eighth (8th) grade student athletes must pass 75% or more of their coursework during the last marking period to be eligible for high school fall sports. Post-secondary students must meet separate, specific guidelines.

Athletic Eligibility for College Freshmen- NCAA & NAIA Clearinghouses

It is the responsibility of the student and parent to educate themselves on eligibility requirements. Refer to www.tallmadgeathletics.org for prospective collegiate athlete information. It is recommended that potential collegiate athletes start preparing their 9th grade year. Prospective collegiate athletes should register with the desired clearinghouse at the end of their junior year.

FLEXIBLE EDUCATIONAL OPTIONS

I. Online Credit Options

- A. Summer School
- B. Credit Recovery

Online options may be used when a student has previously failed a course at Tallmadge High School. Seek counselor assistance for appropriate course enrollment.

II. Flex Credit Opportunities

Credit flexibility is a statewide plan offering opportunities for students to earn units of high school credit based upon the demonstration of subject area competency. Students may earn credit in the following ways:

- 1) Successfully completing traditional coursework
- 2) Testing out with 3 or higher score on Ohio State Test (OST) or otherwise showing mastery of the course content
- 3) Pursuing an educational option and/or individually approved option
- 4) Any combination of the above

Interested students and their parents/guardians are required to review the annual presentation where the handbook and application(s) will be located. The credit flex information is available online at www.tallmadgeschools.org. Applications for students who intend to pursue a Flex Credit Option during the following school year will **not be accepted after April 1 of the previous school year**.

III. College Credit Options

- A. Advanced Placement (AP) Courses
- B. Career & Technical Education (CTE)
- C. College Credit Plus (CCP)

CTE & CCP course work becomes a permanent record on the student's college transcript AND high school transcript.

Eligibility: *All public districts and public institutions of higher education (IHE) must allow college-ready students, grades 7-12, who qualify for college admission to participate. Using a CCP course to replace a THS requirement must be approved by a counselor. Students may enroll in no more than 30 credits per academic year.*

Pathways: 15 & 30 hour pathways have been created to provide suggested courses for students at each of these institutions. Students should work closely with the school counselor and their university's academic advisor to plan out college credit plus coursework. Multiple pathways available depending on student interests.

Visit the [Kent State University CCP website](#) for further updates & [Pathways](#)

Visit the [The University of Akron CCP website](#) for further updates & [Pathways](#)

Visit the [Stark State College CCP website](#) for further updates & [Pathways](#)

PLEASE NOTE: By State Law, parents of students who intend to participate in College Credit Plus are required to either attend the annual CCP information Night or to view the online [CCP Presentation](#)

The student and parent/guardian must review the annual presentation to sign a letter of intent form indicating that each party understands their obligation prior to April 1st for the approaching school year. High school and College Credit Plus classes must equate to full time status. Students submit college applications by the college or university deadlines.

Financial Obligation for College Credit Plus: The cost of the course and supplies will be covered by the district. If a student drops out of the university, withdraws from a course, or earns a failing grade in a course, all costs revert to the student/parents.

STUDENT SERVICES OFFERED BY THE COUNSELING DEPARTMENT

The Counseling staff is committed to providing a comprehensive, developmental program that meets the unique intellectual, physical, social and emotional needs of each student. We embrace a proactive approach to our students' counseling and guidance needs as well as responding to immediate problems and conflicts.

Services available:

- Individual counseling
- High school course selection and scheduling
- Career planning services
- Post-secondary education Information
- Parent/teacher conferences
- Testing and placement
- Coordination with community agencies
- Transcript and record-keeping activities
- Classroom presentations
- Group guidance

Confidentiality: The counseling office is a place a student or parent may come to discuss concerns confidentially. Confidentiality means that personal concerns will not be shared with others. However, counselors are required by law to contact other adults if a situation arises that puts a student or someone else in physical or emotional harm.

Online Tools

SchoolLinks

Tallmadge High School's college and career readiness platform. All of the SchoolLinks features are designed with students in mind to help them become career, college, and life ready. As a guardian, you will have the opportunity to join your student in their career and college exploration process and have conversations with them about their future. You will have access to SchoolLinks through your own account.

Progress Book

Students and parents are strongly encouraged to access Progress Book online to follow academic progress.

Ohio Means Jobs

This online resource is available across the state of Ohio to assist students and parents in preparing for college and career planning

Google Classroom

Each graduating class has a specific google classroom with academic, career, and social/emotional resources provided by the counseling department. Students will be invited to the classroom for their graduating class at the beginning of their freshman year and will remain a part of the classroom for the duration of their high school experience.

Remind

An online text messaging service that is safe for staff, students and families to use as a communication tool. Teachers are encouraged to utilize in their classes.

Scholarships/Financial Aid:

The Tallmadge community is fortunate to have a strong local scholarship base. Scholarships are offered to Tallmadge High School graduates with funds coming from civic groups, social organizations and associations, memorials, and trusts. Seniors are encouraged to apply to the scholarship committee. A committee will review all applications and designate the winners.

Any scholarship applications received by the Counseling Office will be posted on Google Classroom.

Additional financial aid links for students and parents:

Free application for Federal Student Aid: www.fafsa.gov

College Preparation Checklist: www.FederalStudentAid.ed.gov/collprep

Fastweb Scholarship Search: www.fastweb.com

An annual Financial Aid presentation will be made available each year to assist students and their parents/guardians in the completion of the financial aid forms. These forms are necessary for consideration for most scholarships.

INTERDEPARTMENTAL COURSE OFFERINGS

CAREER-BASED INTERVENTION (CBI)

1.0+ Credit

Prerequisite: Grades: 11, 12 (May be repeated)

This work-study program is designed for selected students who want to explore careers while getting first-hand experience in the world of work. CBI helps students develop financial skills to help students succeed in the workplace and ensure their success. Students will participate in career awareness and explore their personal work attitudes. Enrollment by counselor placement only

CAREER-BASED INTERVENTION (CBI) LAB

1.0+ Credit

Prerequisite: Grades: 11, 12 (May be repeated)

This program is designed for selected students who want to explore careers while getting first-hand experience in the world of work. CBI helps students develop financial skills to help students succeed in the workplace and ensure their success. Students will participate in career awareness and explore their personal work attitudes. They may spend part of the day working either at the school or at service sites in the community. Enrollment by counselor placement only,

FOUNDATIONAL EMPLOYMENT I

1.0 Credit

Prerequisite: By Special Education Department Placement Only

Students will learn soft skills, career awareness, hidden agendas, hygiene skills and other work ethic skills to prepare for future skills: communicating with a supervisor, accepting constructive criticism, calling off, phone skills, and other day-to-day people skills. Student will become more aware of their personal preferences, interests, needs and strengths to guide them in finding an appropriate job and advocate for needed accommodations at that job.

FOUNDATIONAL EMPLOYMENT II

1.0 Credit

Prerequisite: By Special Education Department Placement Only

This is a two-part course.

Part one is the classroom component where students will learn financial literacy, contract literacy and other independent living skills that will allow them to live independently in their community. Students will also become more aware of their preferences, interests, needs, and strengths, as well as how to advocate for their needs.

Part two is a community-based component where students will go to community based job sites that are based on their preferences, interests, needs and strengths. They will apply the self-advocacy skills taught in part one of the course.

SENIOR FIELD EXPERIENCE

1.0 Credit

Prerequisite: Grade 12 Only

The main focus of this course is to provide students with shadowing experiences in order for them to identify one or more careers that they may want to pursue after high school. The majority of the course will typically consist of two 5-week experiences in which students will work with professionals in the community for a total of sixty (60) hours. Finally, students will have assignments to complete in the form of journals, evaluations, a paper, and a presentation by which they will share their experiences with students, teachers and community members.

STRATEGIES FOR SUCCESS

1.00 Credit

Prerequisite: Grades: 9, 10 - By Intervention Specialist or School Counselor Placement ONLY

This course helps students develop necessary skills for independent life. It provides lifelong growth and knowledge in the areas of social, behavior, and emotional skills. Through this class students will learn communication skills, coping strategies, independent life skills, time management and study skills to succeed. Our goal is to provide a curriculum within a small group setting to enable students to gain positive strengths/skills, habits, attitude, peer to peer communication, and educated decision making skills (SHAPE) to be successful contributing members of society.

ENGLISH DEPARTMENT

Grade	Level	Course Title	Credits
9		ELA: Think!	1.00
9		ELA: Symposium I & II	1.00 each semester
9, 10		ELA: Explore!	1.00
10		ELA: Create!	1.00
10,11		ELA: AP Seminar	1.00
11,12		Career English	1.00
11,12		Film as Literature	1.00
11,12		Classics to Contemporaries	1.00
11,12		AP Literature & Composition	1.00
11,12		CCP English Composition I (at THS via Univ of Akron)	1.00
10,11,12		Creative Writing	1.00
9,10,11		Introduction to Communications	1.00
10,11,12		Annual Staff I & II	1.00 per semester
10,11,12		Broadcasting I & II	1.00 per semester

9th & 10th Grade ELA Course Pathway Options

You must earn four (4) ELA credits to satisfy graduation credit requirements.

*[Ohio's State Tests](#) given at the end of these courses.

Employment, Enlistment or Enrollment in Post-Secondary	Enrollment in Post-Secondary
<ul style="list-style-type: none"> • ELA: Think! (9th Required) • ELA: Explore! (9th or 10th Required) • ELA: Create! (10th Required - OST)* 	<ul style="list-style-type: none"> • ELA: 9th Symposium I (Fall) • ELA: 9th Symposium (Spring - OST)* • AP Seminar (10th or 11th) • CCP English Composition I (at THS via Univ of Akron)

11th & 12th Grade ELA Course Pathway Options

You must earn four (4) ELA credits to satisfy graduation credit requirements.

Employment or Enlistment	Employment, Enlistment -OR- Enrollment in Post-Secondary	Enrollment in Post-Secondary
<ul style="list-style-type: none"> • Career English 	<ul style="list-style-type: none"> • Film as Literature • Classics to Contemporaries 	<ul style="list-style-type: none"> • AP Seminar (10th or 11th) • AP English Literature & Comp • CCP English Composition I (at THS via Univ of Akron)

ELA: Think!**1.00 Credit***9th Grade Required ELA Credit*

Reading Comprehension & Critical Thinking: This course will focus on improving reading fluency and reading comprehension skills, primarily in the reading of literary texts, while encouraging critical thinking through real-world connections and project-based assessments.

ELA: Explore!**1.00 Credit***9TH or 10th Grade Required ELA Credit*

Foundational Informational Text & Research: This course will focus on the important elements of research, comprehension, and implementation of knowledge. Students will explore new etymology words, the elements of effective research, rhetoric, logical progression of thought, comprehension of texts, various modes of communication, and citation formatting.

ELA: Create!**1.00 Credit***10th Grade Required ELA Credit - Connected to [Ohio's State Tests \(OST\)](#) for graduation*

Foundational Writing & Language: This course will focus on establishing and developing writing skills. Students will understand and apply writing concepts such as creating different sentence structures, drafting and revising, and producing publishable products. Students will write a narrative short story, an informative report, and a persuasive product. Other skills that will be focused on are editing (self, peer, group) and language foundations (grammar and conventions) while writing about topics of their interest and choice.

ELA: Symposium I & II**1.00 Credit each semester***9th Grade ELA Credit Option - Connected to [Ohio's State Tests \(OST\)](#) for graduation*

Advanced Inquiry in Reading, Critical Thinking, Informational Text, and Research Writing & Language: Over two semesters, this course will focus on advancing reading fluency and reading comprehension skills, further developing writing skills, and establishing academic research skills. Students will progress through the 9th & 10th grade ELA standards with an in-depth focus on inquiry and producing work that displays their knowledge in these areas.

ELA: AP SEMINAR**1.00 Credit***10th or 11th Grade ELA Credit Option*

Introduction to Advanced Placement Skills & Comprehension - This course will introduce students to Advanced Placement skills and comprehension with the intent to continue into additional AP ELA course offerings in future semesters. Students will develop critical thinking, analytical writing, collaboration, and academic research skills on topics of the teacher's and student's choice.

CAREER ENGLISH**1.00 Credit***11TH or 12th Grade ELA Credit Option*

Focus is on preparing students for life after high school. Students will have the opportunity to research, select individual reading, and apply skills to group and personal learning options. Through their portfolio creation, students will strengthen core skills like vocabulary, grammar, and writing for their postsecondary pathway of choice.

PUBLIC SPEAKING**1.00 Credit***11th or 12th Grade ELA Credit Option*

This course is designed to make students more effective and more confident public speakers. It allows students to learn effective methods of communicating both their own ideas and those of others. The goals of the course are to emphasize the technical approach to oral communication, to develop an appreciation for listening, and to foster a feeling of ease when presenting material to a group.

CLASSICS TO CONTEMPORARY**1.00 Credit***11th or 12th Grade ELA Credit Option; 10TH with approval*

Focus is on understanding the connections between classic and modern literature. Students will experience a variety of media (novels, movies, plays, short stories, & poetry) to recognize the influence past works have on new stories. Students will engage with texts outside of the class, discuss and share with peers, and write about their learning.

AP ENGLISH LITERATURE & COMPOSITION

1.00 Credit

Prerequisite: Grade Level 11, 12

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May

This course is an introductory college-level literary analysis course. Students cultivate their understanding of literature through reading and analyzing texts as they explore concepts like character, setting, structure, perspective, figurative language, and literary analysis in the context of literary works.

CCP ENGLISH COMPOSITION I

1.00 Credit

Offered at THS via University of Akron

Prerequisites: [CCP Admissions Requirements](#); Recommended Grades 11, 12

This course engages students in the writing process and helps students respond effectively to a range of rhetorical situations by making purposeful and appropriate choices. Students practice writing in different genres and for different audiences and purposes. The course encourages Students to incorporate primary and experiential research into their essays and engages students in critical reading and analytical writing.

FILM AS LITERATURE

1.00 Credit

Prerequisite: Grade Level 11, 12

Explore the rich and dynamic relationship between film and literature, treating films as a narrative art form. Students will analyze films through the lens of literary criticism, examining themes, character development, symbolism, and structure. By studying both film adaptations of literary works and original screenplays, students will gain a deeper understanding of storytelling across mediums.

CREATIVE WRITING

1.00 Credit; Elective Credit Only

Prerequisite: English 9; Grade Level 10, 11, 12

This course is designed to cultivate a writing mindset and explore the writing process through various genres. Students will be expected to write often, set goals, contribute to meaningful conversations, and reflect on the writing process. We will experience examples from multiple genres and learn about writing from some of the greatest modern writers in their field of expertise. Through this course, students will enhance their written voice, literary techniques, syntax, structure, and revision abilities as they write in forms such as narrative short story, poetry, nonfiction research, and journaling.

INTRODUCTION TO COMMUNICATIONS

1.00 Credit per Semester, Elective Credit Only

Grade Level 9, 10, 11

Learn and demonstrate journalistic skills with introductions to our print, digital, social, and broadcast media. Students will study news, editorial, feature, and sports writing as well as headline writing, editing, photography, graphic design, desktop and website publishing, and advertising. This introductory course also focuses on law and ethics, the First Amendment, and our Code of Ethics for student journalists. Students will create projects focused on covering Tallmadge High School and the Tallmadge community for our target audience. Example products include the THS newsmagazine, the Devils' Tale website, infographics, and content for our social media. Students begin in Introduction to Communications and then may continue their journalism studies in Broadcast, Annual, and/or the Modern Communications through Media Productions program.

ANNUAL STAFF I

1.00 Credit per Semester, Elective Credit Only

ANNUAL STAFF II

Grade Level 10, 11, 12 ► It is recommended that students schedule both Annual I and Annual II ◄

The purpose of this course is to create a learning situation while providing a necessary school service. The student will be educated in the principles of journalism as well as the specific principles of yearbook. Major units of study will include theme packages, layout design, copy, headlines, photography, computer design, advertising, sales, and distribution. The goal of the course is to publish a quality yearbook. This course will count as an elective, but not toward the required 4 credits. Selling advertisements is required and counts as 50% of the student's first nine-week grade. This course may be taken more than once.

BROADCASTING I

1.00 Credit per semester, Elective Credit Only

BROADCASTING II

Grade Level 10, 11, 12

Learn and demonstrate journalistic skills in broadcast. Students will be introduced to the study of broadcast writing, interviewing, speaking and delivery, videography and technology in broadcast, and drafting and editing. This introductory course also focuses on law and ethics, the First Amendment, and our Code of Ethics for student journalists. Students will create weekly and team broadcast projects focused on covering Tallmadge High School and the Tallmadge community for our target audience. Example products include the GameDay live broadcast, podcasts, recorded interviews, live-tweeting events, and videography packages.

MATHEMATICS DEPARTMENT

Course Title	Credits
Math Readiness	1.00
Integrated Algebra I	1.00
Integrated Statistics	1.00
Integrated Geometry	1.00
Integrated Algebra II	1.00
Algebra I	1.00
Algebra Plus	1.00
Geometry or Honors Geometry	1.00
Algebra II or Honors Algebra II	1.00
Advanced Algebra with Trigonometry –or– Honors Advanced Algebra with Trigonometry	1.00
Pre-Calculus or Honors Pre-Calculus	1.00
AP Calculus AB or AP Calculus BC	1.00
Statistics & Probability	1.00
A.P. Statistics	1.00
Mathematical Modeling & Reasoning	1.00

Recommended Sequence

*Students may move freely between sequences upon recommendation of teachers or requests of parents

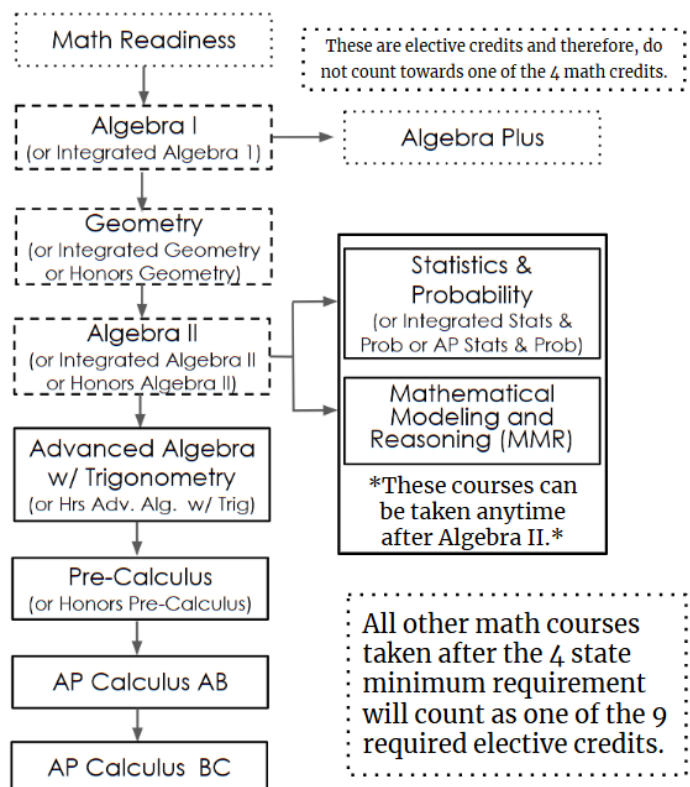
Mathematics State Requirements for Graduation

*A minimum of 4 credits of high
school level math courses*

1.) Algebra, 2.) Geometry, 3.) Algebra II

4.) Another high school level course

- *Integrated options:* these courses cover the same standards as their class counterpart, but the curriculum moves at a slower pace and provides students with more classroom practice.
- *Honors options:* these courses cover the same, plus additional standards as their class counterpart. The curriculum moves more quickly and is designed to be more challenging.
- *Fluidity between all options is available based on student ability, teacher recommendation and parent input.*



MATH READINESS

1.00 Elective Credit Only

Prerequisite: Teacher Recommendation

This course is for students who need to strengthen their Algebra foundation before advancing to the Algebra I curriculum. This course covers proportional reasoning and linear functions in their entirety. Systems of linear equations, exponent rules and quadratic functions are also covered, but at basic and intermediate levels.

INTEGRATED ALGEBRA 1

1.00 Credit

Prerequisite: Math Readiness or Teacher Recommendation

This course is intended for students who found difficulty with previous math concepts. Integrated classes cover the same current state standards as their college prep counterparts; however, the curriculum is at a more basic and/or intermediate level and progresses at a slower rate. Topics covered in this particular course include systems of equations and inequalities, inequalities, polynomials and their solutions, radical expressions, and quadratic and exponential functions.

INTEGRATED STATISTICS

1.00 Credit

Prerequisite: Teacher Recommendation

This course features topic, techniques and activities that involve students with real data. Topics covered include exploratory data analysis with an emphasis on graphical techniques, elementary probability, simulation of random events, an introduction to random sampling, confidence intervals, normal distributions, standard deviation and hypothesis testing. Ohio math standards will also be reviewed.

INTEGRATED GEOMETRY

1.00 Credit

Prerequisite: Teacher Recommendation

This course is intended for students who found difficulty with previous math concepts. Integrated classes cover the same current state standards as their college prep counterparts; however, the curriculum is at a more basic and/or intermediate level and progresses at a slower rate. Topics covered in this particular course include the concepts that examine the studies of Euclidean geometry with a strong emphasis on algebra skills.

INTEGRATED ALGEBRA II

1.00 Credit

Prerequisite: Integrated Algebra or Teacher Recommendation

This course is intended for students who found difficulty with previous math concepts. Integrated classes cover the same current state standards as their counterparts; however, the curriculum is at a more basic and/or intermediate level and progresses at a slower rate. With this particular course, students will further develop their algebra skills. Topics covered include linear, quadratic, exponential, and rational functions. The study of polynomials will be extended from the concepts introduced in the previous algebra course.

ALGEBRA I

1.00 Credit

Prerequisite: Teacher Recommendation - - Connected to [Ohio's State Tests \(OST\)](#) for graduation

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Algebra 1 forms the foundation for all subsequent High School math courses. This course follows the State and National Standards for content curriculum. Students will experience topics in numeric, symbolic, and graphic form that include:

- solving systems of equations and inequalities
- understanding and using function notation
- simplifying and applying exponential functions
- interpreting graphs of functions and real world scenarios
- transformations of functions
- simplifying radical expressions and equations
- manipulating and solving quadratics

This is an important foundational math course and as a result, requires a final grade of C or higher for advancement.

ALGEBRA PLUS

1.00 Elective Credit Only

Prerequisite: Algebra I

Algebra Plus Algebra Plus is designed for students who may need to become better prepared for their mathematical studies beyond Algebra 1 and Geometry or as a means of review prior to college math. The first half of this course will consist of intense review of second semester Algebra 1 standards with an introduction to Algebra 2 topics. Students will review and study linear, quadratic and exponential functions, systems of linear inequalities, radicals and exponents. The second half of the course will encompass individualized and focused learning for each student through the ALEKS program. This is an online math tool that specifically targets areas of need to aide in each student's individual mathematical growth.

GEOMETRY

1.00 Credit

Prerequisite: Algebra I - Connected to [Ohio's State Tests \(OST\)](#) for graduation

Tools Required: TI-84 Graphing calculator (CE Plus recommended), protractor, compass, drawing triangle, straight edge & notebook

The course curriculum follows the state and national content standards for Geometry. By the end of the course the students will become better problem solvers by:

- developing the ability to construct formal deductive proofs
- understanding the attributes and relationships of geometric properties in real world scenarios
- using tools (compasses, rules, protractors, triangles) to construct physical & scale models of real world phenomenon
- further developing their algebraic skills within the context of geometric problems

The course is intended to prepare students for post-secondary education in college, trade schools & technical certifications.

HONORS GEOMETRY

1.00 Credit

Prerequisite: Algebra I or acceptance through [Honors Intent Form](#) - Connected to [Ohio's State Tests \(OST\)](#) for graduation

Tools Required: TI-84 Graphing calculator (CE Plus recommended), protractor, compass, drawing triangle, straight edge & notebook

The curriculum for this course also follows the state and national geometry standards but is geared for the students in the honors math sequence. By the end of the course the students will become better problem solvers by:

- developing the ability to construct formal deductive proofs
- understanding the attributes and relationships of geometric properties in real world scenarios
- using tools (compasses, rules, protractors, triangles) to construct physical & scale models of real world phenomenon
- further developing their algebraic skills within the context of geometric problems

The course is presented at an accelerated level solving more complex problems and is intended to prepare students for post-secondary education in fields that require advanced mathematics such as engineering, architecture, medicine, sciences, social sciences, economics and business.

ALGEBRA II

1.00 Credit

Prerequisite: C or higher in Algebra I and Geometry

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

This course is designed for the college-bound student and will follow State and National Standards for content curriculum. Students will experience topics in numeric, symbolic and graphic form that include sequences and the connections to linear, exponential and logarithmic functions. The course also explores transformations of functions, matrices, and polynomials. Student will be expected to demonstrate mastery of the material using paper and pencil techniques and technology.

HONORS ALGEBRA II

1.00 Credit

Prerequisite: Honors Geometry or acceptance through [Honors Intent Form](#)

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

This course will delve into sequences and the connections to linear, exponential and logarithmic functions. The course will also explore transformations of functions, matrices and polynomials in both a graphical and symbolic perspective. The material will be presented at an accelerated pace and focus on more complex and difficult problems.

ADVANCED ALGEBRA W/TRIGONOMETRY

1.00 Credit

Prerequisite: Algebra II

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

This course is designed to prepare students for college-level mathematics including Pre-Calculus and AP Calculus AB & BC. The course will explore properties of exponential, logarithmic, polynomial, and rational functions. The course will also cover the conic sections and trigonometry. Students will delve into the applications of each topic and look at careers associated within each topic.

HONORS ADVANCED ALGEBRA W/TRIG

1.00 Credit

Prerequisite: Honors Algebra II or acceptance through [Honors Intent Form](#)

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

This course is designed for the college-bound student in the honors math sequence. Students will be prepared to go into Honors Pre-Calculus and into the AP Calculus series. This course will cover the same material as the Advanced Algebra w/ Trigonometry. But additionally, students will experience more complex and difficult problems exposing the student to applications under each topic. Students advancing to this level will be well prepared to study in any career that may be mathematically based.

PRE-CALCULUS

1.00 Credit

Prerequisite: Advanced Algebra w/Trigonometry

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Designed for college-bound students to prepare for the study of Calculus and beyond, this course is an in-depth study of trigonometric functions & identities, and their graphs, with focus on the concepts of Domain and Range for algebraic & transcendental functions, the study of vector properties, parametric & polar graphs and equations, and limits & derivatives.

HONORS PRE-CALCULUS

1.00 Credit

Prerequisite: Honors Advanced Algebra w/Trigonometry or acceptance through [Honors Intent Form](#)

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

This course is designed for college-bound students. The intent is to prepare students for the study of calculus. Students will work with polar and parametric equations to represent problem situations, Other topics to be covered include functions, trigonometric functions, identities, vectors, transformations, limits and derivatives.

AP CALCULUS AB

1.00 Credit

Prerequisite: Pre-Calculus

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

Curriculum follows College Board outline for AP Calculus, and covers the equivalent of a Calculus 1 college level course. Topics include:

Limits of Functions (incl. one-sided limits); Continuity as a Property of Functions; Concept of the Derivative; Derivative at a Point and as a Function; Applications of Derivatives; Interpretations and Properties of Definite Integrals; Fundamental Theorem of Calculus; Techniques and Applications of Anti-differentiation; Numerical Approximations of Definite Integral Applications of Integrals; Introduction to Separable Differential Equations; Slope Fields

Students are required to complete a review packet during the break (either summer or winter) preceding the semester during which they take the course. The packet is given to pre-calculus students near the end of pre-calculus and is due approximately a week after the start of the course. With a successful score on the AP Calculus AB exam in early May, students might be eligible for college credit for Calculus I at most universities.

AP CALCULUS BC

1.00 Credit

Prerequisite: Pre-Calculus

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

Intended for those students considering careers in engineering, math, or the sciences. Course emphasizes preparation for the BC Advanced Placement (AP) Test which covers the first two semesters (1st year) of a normal college calculus sequence. Students who pass the AP Exam will be well prepared to start second year calculus upon entering college. This course is very demanding and is equivalent to a second semester college level engineering Calculus II course. It will include as review all the topics in AP Calculus AB, the topics listed in the AP Calculus BC course description book including advanced integration, time series, calculus of parametric equations, polar equations, and vectors, as well as additional topics that may be needed for the students to be successful in subsequent college and engineering courses. With a successful score on the AP Calculus BC exam in early May, students might be eligible for college credit for Calculus I & Calculus II at most universities.

STATISTICS & PROBABILITY

1.00 Credit

Prerequisite: Algebra II or Department Recommendation while currently enrolled in Algebra II

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Highly recommended for any student interested in a career in business, psychology, law, teaching, medical fields, research or the sciences. Statistics is the science of data and research. Topics include: organizing data, experimental design, simulation, probability, basic linear regression, and hypothesis testing.

AP STATISTICS

1.00 Credit

Prerequisite: Algebra II

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring data: describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

This course is highly recommended for any hard-working student interested in a career in business, psychology, law, teaching, medical fields, research or the sciences. A student taking this course has the opportunity to earn college credit after successfully passing the AP Exam.

MATHEMATICAL MODELING & REASONING

1.00 Credit

Prerequisite: Geometry or Integrated Algebra 2; Grade Level 10-12

Tools Required: TI-84 Graphing calculator (CE Plus recommended)

The course is designed for any student who has already earned their four math credits but would like to continue to be engaged in a mathematics course. This course reviews, reinforces, and extends previously taught content (in Number and Quantity, Algebra, Functions, Statistics and Probability, and Geometry) through application in real-world contexts to make decisions relevant to daily life. Critical thinking through hands-on projects and peer collaboration is the primary objective of this class.

SCIENCE DEPARTMENT

Grade	Course Title		Credits
9	Physical Science	Physical Science	1.00
9	Honors Physical Science	Physical Science	1.00
10	Integrated Biology	Biological Science	1.00
10	Biology	Biological Science	1.00
10	Honors Biology	Biological Science	1.00
11,12	Diversity of Life	Biological Science	1.00
11,12	Anatomy & Physiology	Biological Science	1.00
10,11,12	Chemistry	Physical Science	1.00
11, 12	Honors Chemistry	Physical Science	1.00
11,12	Physics	Physical Science	1.00
10,11,12	Environmental Science	Biological Science	1.00
11,12	Honors Environmental Science	Biological Science	1.00
10,11,12	Geology	Earth Science	1.00
9,10,11,12	CCP Seven Ideas that Shook the Universe	Physical Science	1.00

Graduation Requirement:

All Tallmadge High School students must have a minimum of three (3) credits of science, including: one (1) credit of Physical Science, one (1) credit of Biology, and one (1) credit of any other science course offered.

Course Progression for Science

Grade	Course Title	Credits
9	Physical Science or Honors Physical Science	1.00
10	Biology I, Honors Biology, or Integrated Biology	1.00

After completion of Biology or Integrated Biology, students may choose from the following elective courses worth 1.00 credit each:

Geology	Chemistry	Anatomy & Physiology
Environmental Science	Honors Chemistry	Physics
Diversity of Life	Honors Environmental Science	CCP 7 Ideas that Shook the Universe

Students interested in pursuing careers in the sciences are encouraged to look at post-secondary course requirements online. For example, at Kent State University, a biology degree requires additional college-level courses in chemistry and physics in addition to biology courses. College-bound students interested in a degree in science, engineering, or medical professions should select one or more of the following:

Physics, Anatomy & Physiology; CCP 7 Ideas that Shook the Universe, or Chemistry

PHYSICAL SCIENCE

1.00 Credit

Required for all 9th Grade Students

This course is crucial for a successful transition into chemistry, physics and engineering courses. Physical Science is a rigorous course which builds on content learned in the Middle School to include the use of calculations in the application of motion, forces and Newton's Laws, energy and heat, and the electromagnetic spectrum. Concepts in chemistry, such as atomic structure, chemical bonding, writing chemical equations, and naming chemical compounds will be explored. Students will build a strong foundation in the physical sciences as they will be expected to use higher order thinking to apply what they have learned to new problems as well as using written communication skills to fully explain natural phenomena.

Career connections and related careers- Students interested in any science or engineering careers will benefit from this foundational course.

HONORS PHYSICAL SCIENCE

1.00 Credit

Prerequisite: Teacher Recommendation, "A/B" grade in 8th Algebra & Science, or "A" grades in 8th Math & Science

This advanced course is designed for eligible students who desire an in-depth study of physical science. This course covers the same content as Physical Science but at a higher level. Students must be able to work at a fast pace and be willing to work outside of class beyond daily assignments. Students will be expected to perform algebraic calculations and use dimensional analysis. Approximately half of the course will address chemistry-related topics such as matter, energy, chemical bonding, elements, and chemical reactions. The second half of the course will deal with physics-related topics such as force, work, motion, heat, sound, and light. A variety of laboratory experiments will enhance the student's learning opportunities. This course is strongly recommended for students interested in taking other upper-level, Honors or Advanced Placement science courses in the future.

Career connections and related careers- Students interested in any science or engineering careers will benefit from this foundational course.

BIOLOGY

1.00 Credit

Prerequisite: Physical Science - Connected to [Ohio's State Tests \(OST\)](#) for graduation

This initial, college-prep course in biological sciences offers an introduction to many of the essential concepts necessary to understand living organisms. Some of the major themes examined include basics in classification, biochemistry, cell structure and function, patterns of inheritance (with special emphasis on the molecular basis), ecology and evolution. This course or Honors Biology is a prerequisite for Diversity of Life. By teacher recommendation, freshmen may take Biology during the second semester after successful completion of Physical Science during the first semester.

Career connections- Any student interested in a career in healthcare or any job involving living systems would benefit from this course.

Related careers- Medicine, medical research, academic research, zoological sciences, biomedical engineering, emergency medical services, education, veterinary medicine, psychology, forensic sciences, pharmacist, physical therapist, nutritionist, sports science.

INTEGRATED BIOLOGY

1.00 Credit

Prerequisite: Physical Science and Teacher Recommendation ONLY - Connected to [Ohio's State Tests \(OST\)](#) for graduation

This course is designed to give students an overview of biological concepts. Students will explore most of the same material as in Biology such as biochemistry, cell structure and function, photosynthesis, cellular respiration, genetics, evolution and ecology. A real world connection to biology is made through laboratory activities, simulations and classroom discussions.

Career connections and related careers- Students interested in any science or healthcare careers will benefit from this foundational course.

HONORS BIOLOGY

1.00 Credit

Prerequisite: Physical Science, Grade Level 10, & Teacher recommendation - Connected to [Ohio's State Tests \(OST\)](#) for graduation

This course in biological sciences offers an in-depth exploration of the essential concepts necessary to understand living systems. This course covers all of the same content as Biology but at a higher level. Some of the major theses examined include classification, biochemistry, cell structure and function, the molecular basis of inheritance, ecology and evolution. This course includes independent investigations and laboratory work that will build a strong foundation for future biology courses. Honors Biology is recommended for advanced sophomores and those interested in biology-related careers as well as students planning on taking upper level biology courses during high school.

Career connections- Any student interested in a career in healthcare or any job involving living systems would benefit from this course.

Related careers- Medicine, medical research, academic research, zoological sciences, biomedical engineering, emergency medical services, education, veterinary medicine, psychology, forensic sciences, pharmacist, physical therapist, nutritionist, sports science.

DIVERSITY OF LIFE

1.00 Credit

Prerequisite: Biology

This course is an application of many of the concepts introduced in Biology. Students will become aware of specific features of the six kingdoms of living things. Special emphasis will be placed upon the discovery and description of characteristics observed in plants and animals. Many investigative activities (including laboratories involving live and preserved organisms) will enhance student understanding of the fascinating variety of organisms that populate the planet. This course is strongly recommended as preparation for **Anatomy and Physiology**.

Career Connections- Beneficial for students interested in careers in healthcare, the biological sciences, and environmental sciences.

Related Careers- Medicine, prosthetics, medical technician, nutritionist, physical therapist, medical research, academic research, zoological sciences, biomedical engineering, education, veterinary medicine, nurse, marine biologist.

ANATOMY & PHYSIOLOGY

1.00 Credit

Prerequisite: Biology, Chemistry, and Teacher Recommendation

This course is designed for those students considering careers in science, biology, medicine, or any health-related field (physical therapy, nursing, sports medicine, etc.). However, it would also be appropriate for any college-bound junior or senior interested in thoroughly preparing for the future. Topics covered include biochemistry, endocrinology, cells, human anatomy and human physiology. The teaching format consists of a mixture of lecture and lab (dissection, microscope work, and experiments). **Successful completion of Diversity of Life is strongly recommended.**

Career connections- Beneficial for students interested in careers in healthcare, the biological sciences, and biomedical engineering.

Related careers- Doctor, Nurse, Medical Image Technician (X Rays, MRI, etc.), Emergency Medical Technician, Biomedical Engineer, Research Scientist, Professor, Teacher, Veterinarian, Veterinary Technician, Physical Therapist, Psychologist, Forensic Scientist

ENVIRONMENTAL SCIENCE

1.00 Credit

Prerequisite: Biology or Integrated Biology

This class will focus on exploring how humans are impacting our environment and how we can alter the success of the ecosystem. Through a variety of activities, students examine how all organisms including plants, animals, fungus, etc. interact within an ecosystem and how each of those organism groups are vitally important to the ecosystem functioning. The goal will be for students to become a more environmentally aware citizen through outdoor labs, field trips, and projects.

Career connections- Students interested in careers related to the environment, living organisms, and interactions between the environment, people, plants & animals.

Related careers- Environmental protection agency (EPA), environmental lawyer, zoologist, wildlife manager, horticulturists, soil ecologist, national parks, habitat restoration engineer, environmental data analyst, conservationist, environmental consultant, environmental education officer, environmental manager, nature conservation officer, recycling officer, waste management officer, water quality scientist, teacher, zoo keeper, climatologist.

HONORS ENVIRONMENTAL SCIENCE

1.00 Credit

Prerequisite: Biology

This class offers an in-depth focus exploring how humans impact our environment and how we can alter the success of the ecosystem. Through a variety of activities, students will examine how all organisms including plants, animals, fungus, etc. interact within an ecosystem and how each of those organism groups are vitally important to the ecosystem functioning. Honors Environmental Science will cover mostly the same content as Environmental Science but at a higher level with the opportunity to work both independently and cooperatively on environmental issues. The goal will be for students to become a more environmentally aware citizen through outdoor labs, field trips, and projects and studying solutions to our environmental problems.

Career connections- Students interested in careers related to the environment, living organisms, and interactions between the environment, people, plants & animals.

Related careers- Environmental protection agency (EPA), environmental lawyer, zoologist, wildlife manager, horticulturists, soil ecologist, national parks, habitat restoration engineer, environmental data analyst, conservationist, environmental consultant, environmental education officer, environmental manager, nature conservation officer, recycling officer, waste management officer, water quality scientist, teacher, zoo keeper, climatologist.

GEOLOGY

1.00 Credit

Prerequisite: Biology or Integrated Biology

This course is the study of the earth and the processes which shape it. Students will learn an overview of plate tectonics, volcanism, earthquakes, mountain building, glaciers, weathering, erosion, soil, origin of rocks and minerals, as well as water and energy resources. Hands-on activities, interpretation of earth processes from geological data, outdoor labs and virtual field trips are used to reinforce the topics covered. Understanding the dynamic and evolving nature of the planet is the overall goal of this course.

Career connections- Students interested in any geology, forestry, agriculture or mineral exploration should consider taking this course.

Related careers- Weather reporter, fossil fuel extraction and mining, professor or teacher, conservation scientist, ecology & environmental consultant or lawyer, environmental engineer, civil engineer, geologist or paleontologist, land surveyor, volcanologist, water resource manager.

CHEMISTRY

1.00 Credit

Prerequisites: Algebra I and Biology

Chemistry is the study of matter, energy, and their interaction. Topics covered include atomic structure, chemical bonding, chemical composition, chemical equations, phases of matter, solutions, acids and bases, reaction kinetics, and oxidation-reduction. These topics are discussed in class and investigated in the laboratory. This course is *strongly recommended* for college-bound students.

Career connections- Preparation for college and careers in industry, academia, government, non-profit, and entrepreneurship...

Related careers- Research and development, quality control and assurance, sales/marketing, government health and environment, law/regulatory affairs, forensics, medical careers, teacher or professor, chemical engineering (polymers, corrosion, paints, adhesives, rubber, foods, medicine, personal care products).

HONORS CHEMISTRY

1.00 Credit

Prerequisites: Algebra I and Biology

Honors Chemistry is strongly recommended for students considering careers in the sciences, mathematics or engineering. Chemistry is the study of matter and energy and their interactions. Topics include: chemical foundations, atomic structure, naming simple compounds, stoichiometry, acid-base reactions, precipitation reactions, oxidation reactions, gas laws, atomic structure, periodic trends and thermochemistry. These topics are present as lectures and lab work.

Career connections- Chemistry is strongly recommended for students considering careers in the sciences, mathematics or engineering.

Related careers- Research and Development, Quality Control and Assurance, Sales/Marketing, Government Health and Environment, Law/Regulatory Affairs, Forensics, Medical Careers, Teacher/Profession Education

PHYSICS

1.00 Credit

Prerequisite: Algebra II, Grade Level 11-12 Only

This course is designed to provide a fundamental knowledge in physics, and to prepare students for a first course in college physics. Topics covered are: linear and projectile motion, forces and Newton's Laws, energy, momentum, rotational motion and equilibrium. Laboratory investigation and problem solving are emphasized. This course is designed for juniors and seniors. This course is required for the Honors Diploma.

Career connections- Students interested in careers in any of the sciences, including medicine, will benefit from this course.

Related careers- Air traffic controller, astronomer, biophysicist, cosmologist, engineer (aerospace, biomedical, chemical, civil, computer, electrical, materials, mechanical, military, sound), nanotechnologist, physicist (biological, chemical, environmental, geological, health, molecular, nuclear, optical, particle), robotics technician, seismologist, ultrasound technician, x-ray technologist, construction technologist.

CCP SEVEN IDEAS THE SHOOK THE UNIVERSE

1.00 Credit

Prerequisite: Physical Science & Biology, [CCP Admissions Requirements](#); Grade Level 11-12 Only

Offered at THS via Kent State University

Student must be accepted at Kent State University as a CCP student prior to the start of the course. Students receive one high school credit, and three college credit hours from Kent State University. This course is a non-mathematical look at seven major revolutions or turning points in scientific thought, from Copernicus to Galileo to Newton to Einstein. The ideas are studied in terms of the history and nature of science. This is an elective course in the Physics department. It is ideal for students who plan to go on to college, but who won't necessarily major in science (to obtain science elective credit), as well as those who have an interest in how science works.

SOCIAL STUDIES DEPARTMENT

When you leave high school, you will be old enough to vote and become an active United States Citizen. To prepare for accepting that responsibility and to broaden understanding of the world around you, a strong background in the social sciences is essential for students who live in the 21st century.

You are encouraged to select the courses that reflect your interest in attending college or pursuing alternative educational pathways. *Consider the proper course level that corresponds to your abilities. Parents should assist you in selecting courses that will prepare you for the future.*

Grade Level	Course Title	Credits
9	World History	1.00
9	Honors World History	1.00
10	United States History	1.00
10	Honors U.S. History*	1.00
10	AP United States History*	1.00
11	U.S. Government & Politics	1.00
11	AP United States Government & Politics	1.00
11, 12	Criminal Justice and Law	1.00
11, 12	Civic Engagement Through Service Learning	1.00
11, 12	Economics	1.00
11, 12	Psychology	1.00
11, 12	AP Psychology	1.00
11,12	History Through Film	1.00

*Must be taken together in the same year

Four (4) credits of Social Studies are required for graduation

Required courses include:

- 9th grade:** World History – **or** – Honors World History
- 10th grade:** United States History – **or** – Honors US History *and* AP US History
- 11th grade:** U.S. Government & Politics – **or** – AP United States Government & Politics
- 12th grade:** Psychology, Economics, Criminal Justice, AP Psychology, Civic Engagement, or History through Film

World Studies, United States History, and Government all must be scheduled in the year noted above. One elective course **MUST** be taken in the senior year even if an elective was scheduled in the junior year.

WORLD HISTORY

1.00 Credit

Required for all 9th grade students

- Covers the Enlightenment Era through the Cold War Era
- Explores the historical roots of current events
- Emphasis on social studies skills and study methods
- Designed to prepare students for state mandated tests to be taken in American Studies and Government

Related fields: Political Science, law, Public History, Research, Criminal Justice, Public Administration, Education

HONORS WORLD HISTORY

1.00 Credit

Prerequisite: Grade Level 9 ONLY; Recommendation from 8th Grade American History Teacher REQUIRED

- Covers the Enlightenment Era through the Cold War Era through in-depth analysis of primary & secondary sources.
- Inquiry & project-based and will require reading outside of class.
- Emphasis on social studies skills such as content-area reading strategies, analytical writing, and document-based inquiry.
- Although not a prerequisite for but is designed to prepare students for future AP social studies courses.
- Reading and writing skills should be at or above grade level.

Related fields: Political Science, Law, Public History, Research, Criminal Justice, Public Administration, Education

UNITED STATES HISTORY

1.00 Credit

Required for all 10th Grade students - Connected to [Ohio's State Tests \(OST\)](#) for graduation

- Covers post-Civil War Reconstruction through the present
- Focuses on chronological history as well as popular culture and the relationship between the two
- Explores the historical roots of current events
- Emphasis on social studies skills and study methods
- Prepares students for the state-mandated American History OST assessment

Related fields: Political Science, law, Public History, Research, Criminal Justice, Public Administration, Education

HONORS UNITED STATES HISTORY

1.00 Credit

Prerequisite: Grade Level 10 ONLY, World History or Honors World History, Teacher/Department Recommendation,

→ You must attend a mandatory informational meeting before registering for this course ←

- Fulfills your sophomore social studies requirement when paired with AP United States History
- Follows the AP United States History syllabus published by the College Board
- Prepares students to read history critically and write concisely
- Expectations and demands are challenging
- Prepares students to take the AP United States History test in May
- A summer assignment is required for this course

Related fields: Political Science, law, Public History, Research, Criminal Justice, Public Administration, Education

AP UNITED STATES HISTORY

1.00 Credit

Sophomores only

Prerequisite: Grade Level 10 ONLY; Successful 1st semester completion of Honors U.S. History with a "C" or better

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

- Fulfills your sophomore social studies requirement when paired with Honors United States History
- Follows the AP United States History syllabus published by the College Board
- Prepares students to read history critically and write concisely
- Expectations and demands are challenging
- Prepares students to take the AP United States History test in May
- A summer assignment is required for this course

Related fields: Political Science, law, Public History, Research, Criminal Justice, Public Administration, Education

U.S. GOVERNMENT & POLITICS

1.00 Credit

Required for all 11th grade students

- Focuses on what students need to understand the American political system
- Helps students understand the important positions at all levels of government: city, county, state, and federal
- Politics and decision-making is experienced through case studies
- Prepares students to be active citizens and engage in the voting process
- Requires attendance at City Council and Board of Education meetings
- Prepares students for the state-mandated Government OST assessment

Related fields: Political Science, law, Public History, Research, Criminal Justice, Public Administration, Education

AP UNITED STATES GOVERNMENT & POLITICS

1.00 Credit

Prerequisite: Grade Level 11; Recommendation from 10th grade American History teacher

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

- Follows the AP United States Government and Politics syllabus published by the College Board
- Focuses on what students need to understand the American political system
- Helps students understand the important positions at all levels of government: city, county, state, and federal
- Politics and decision-making is experienced through case studies
- Prepares students to be active citizens and engage in the voting process
- A summer/winter break assignment is required for this course

Related fields: Political Science, Law, Public History, Research, Criminal Justice, Public Administration, Education

CRIMINAL JUSTICE & LAW

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12

- Examines all levels of the criminal justice system (police, corrections, courts)
- Focuses on criminal law and the juvenile justice system
- Examines individual rights and the Constitution
- Reviews significant Supreme Court cases
- Students take field trips to local courtrooms
- Local officials and experts are brought in to supplement class work

Related fields: Political Science, Law, Research, Criminal Justice (police and corrections), Public Administration, Education, Forensics, Psychology

CIVIC ENGAGEMENT/SERVICE LEARNING

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12

Students will enhance the learning of social studies content (mostly government, economics, and American History) and research skills through the development of community service projects. This course is more than volunteerism. Students will conduct research to assess community needs, learn how to fully develop projects and examine feasibility, learn skills necessary to lead projects, and how to assess the success of a project. The content covered in this course will vary each semester depending on the ideas generated by the students. There will be graded coursework in addition to 20 hours of required community service. Some of the community service hours may be after school or on weekends.

ECONOMICS

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12

- Explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy needs and wants
- Examines the ability of individuals to use knowledge and skills to manage limited financial resources
- Helps students prepare effectively for a lifetime of financial security

Related fields: Political Science, Law, Research, Public Administration, Education, Actuarial Science, Finance, Insurance, Risk Analysis

HISTORY THROUGH FILM

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12

This course will involve the viewing and analysis of a number of films, which are meant to represent significant events in World and American history. Students will view films and participate in related research and study that will allow them to analyze and evaluate the historical accuracy or inaccuracy portrayed in film. Participating in this course will provide students an opportunity to use critical thinking skills to enrich their study of history. Students will also study the elements of film such as music, scenery, direction, and casting and connect how all of these elements impacts the viewers' experience.

PSYCHOLOGY

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12

- Gives students a broad overview of the study of psychology and sociology
- Students are introduced to important concepts, principles, terms, and theories related to psychology
- Emphasis placed on human development, intelligence, personality, emotions, and motivation
- Explores social interaction and differences in societies and cultures

Related fields: Political Science, Law, Research, Criminal Justice (police and corrections), Public Administration, Education, Forensics, Psychology

AP PSYCHOLOGY

1.00 Credit

This course satisfies the 12th grade social studies elective requirement

Prerequisite: Grade Level 11-12; Recommendation from 10th grade American History or 11th grade Government teacher

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

- Follows the AP Psychology syllabus published by the College Board
- Examines the systematic and scientific study of the behavior and mental processes of humans
- Exposes students to the psychological facts, principles, and phenomena associated with each of the major subfields of psychology
- Follows a challenging and rigorous academic curriculum that requires strong reading and writing skills
- A college-level textbook is used and reading is assigned daily
- A summer assignment is required for this course

Related fields: Political Science, Law, Research, Criminal Justice, Public Administration, Education, Forensics, Psychology, Medicine, Social Work, Business, Management

PHYSICAL EDUCATION and HEALTH

Grade Level	Course Title	Credits
9, 10, 11, 12	Physical Education/Health	0.25 + 0.50
9, 10, 11, 12	Advanced Health & Health Careers	1.00
9, 10, 11, 12	Wellness Training	.50
10, 11, 12	Weight Training/Nutrition & Wellness	0.25 + 0.50

PHYSICAL EDUCATION (0.25 Credit) / HEALTH (0.50 Credit)

0.75 Total Credit

Linked courses meet for nine-weeks each; Required for Graduation

Physical Education

Students will meet each school day for nine weeks. Dress includes shoes, socks, appropriate shirt and gym shorts. Students may wear a warm-up suit if desired. Activities include flag football, volleyball, basketball, badminton, ping pong, team handball, golf, softball, whiffle ball, weight lifting, physical fitness, floor hockey, soccer.

Health

Students will meet each school day for nine weeks. The aim of the Health Education Department is to encourage and guide all students to understand interrelationships which contribute to the development of their physical, mental, and social well-being.

ADVANCED HEALTH / HEALTH CAREERS

1.00 Credit

Pre-requisite: Health

This class will be looking at health careers in today's society, what those careers entail and how students might peruse those careers. The class will also be covering current health topics. Classroom activities for the class will include meeting and shadowing professionals in the health care field, exploring the Health Careers program, and postsecondary education options in the health care field.

WELLNESS TRAINING

0.50 Credit

Prerequisite Recommended: Physical Education

This is an elective class which may substitute for one required physical education class. Wellness training will meet daily and students are required to wear appropriate clothing (shoes, socks, shirt, and gym shorts). Major areas of concentration include: 1) flexibility; 2) strength; 3) endurance; 4) speed; 5) agility; 6) footwork; 7) cardiovascular improvement and 8) leisure studies.

WEIGHT TRAINING (0.25 Credit) / NUTRITION & WELLNESS (0.50 Credit)

0.75 Total Credit

Linked courses meet on alternating days

Pre-requisite: Grade Level 10-12; Intro to FCS, Principals of Global Food/Global Foods

Weight Training

This course may substitute for one required physical education class. Weight training will meet every other day and students are required to wear appropriate clothing (shoes, socks, shirt, and gym shorts). Major areas of concentration include: flexibility; strength; endurance; speed; agility; footwork; and cardiovascular improvement.

Nutrition & Wellness

- Students will apply principles of nutrition to health; plan and prepare meals to satisfy nutritional needs; investigate use and effect of steroid and supplements; analyze diet plans; and create plans for body weight management

WORLD LANGUAGE DEPARTMENT

Grade Level	Course Title	Credit
9,10,11,12	French I*	1.00
9,10,11,12	French II	1.00
10,11,12	French III	1.00
10,11,12	Honors French III	1.00
10,11,12	French IV	1.00
10,11,12	Honors French IV	1.00
10, 11 12	AP French Language & Culture	1.00
9,10,11,12	Spanish I*	1.00
9,10,11,12	Spanish II	1.00
10,11,12	Spanish III	1.00
10,11,12	Honors Spanish III	1.00
10,11,12	Spanish IV	1.00
10,11,12	Honors Spanish IV	1.00
10,11,12	AP Spanish Language & Culture	1.00

Career Connections: Students interested in using French or Spanish will benefit from these courses in almost any career they choose to pursue. Students will also benefit from these courses if they travel, enjoy international films or music, and/or enjoy activities from other cultures.

Related Careers: The Arts, Business, Church Work, Communications, Education, Finance, Government, Information Services, Medicine, Science, Social Services, Travel Services

**It is highly recommended that students signing up for a first year foreign language have a Grade of "C" or better in English; however, 9th graders who have a "C" in English should consider postponing foreign language study until their sophomore year.*

FRENCH I

1.00 Credit

Prerequisite: Grade of "C" or higher in English

Students will learn a basic, fundamental knowledge of the French language and culture. Students learn to express themselves and comprehend in the present tense and the future tenses. The emphasis is on getting to know others and talking about themselves. Topics include beginning conversations, numbers, time, dates, weather, school, sports, hobbies, places in town, café, extending invitations and responding to them, and family. Students will become familiar with French and French-speaking cultures. Reading, writing, listening, and speaking skills are all developed.

FRENCH II

1.00 Credit

Prerequisite: French I (Grade of "C" or higher)

Students continue to build a basic, fundamental knowledge of French language and culture. Students continue to use future and present tenses, and add on the past tense. Topics include clothing, shopping, homes, cities, directions, and vacation. There continues to be an emphasis on being able to express one's feelings and opinions, describe, and ask questions. Reading, writing, listening, and speaking skills are all developed.

FRENCH III

1.00 Credit

Prerequisite: French II (Grade of "C" or higher)

Students continue to build vocabulary, but the focus is on grammar. Students strengthen skills in the present and future tenses and focus on the two past tenses. They also study commands, reflexive verbs, another future tense, and the conditional. Students use their creativity throughout the semester on projects that will be put together into a portfolio showcasing their knowledge and abilities. Students continue to learn about French and French-speaking cultures.

HONORS FRENCH III

1.00 Credit

Prerequisite: French II (Grade of "B" or higher)

This course runs concurrently with French III. Students complete the same requirements as French III, in addition to completing eight (8) honors activities outside of class at mastery level.

FRENCH IV

1.00 Credit

Prerequisite: French III (Grade of "C" or higher)

Students develop strong reading, writing, listening, and speaking skills using a variety of authentic resources. There is an emphasis on being able to discuss what has been read/seen/heard and to express opinions about it and ask questions. Grammar is reviewed and more complex grammar structures and tenses are introduced. Students will prepare to take the AAPPL (The ACTFL Assessment of Performance toward Proficiency in Languages) at the end of the semester. If they perform at an intermediate high level in French on all four sections and they have proven proficiency in English, they will earn the Seal of Biliteracy. French is the language of the classroom.

HONORS FRENCH IV

1.00 Credit

Prerequisite: French III (Grade of "B" or higher)

This course runs concurrently with French IV. Students complete the same requirements as French IV, in addition to completing eight (8) honors activities outside of class at mastery level.

AP FRENCH LANGUAGE & CULTURE

1.00 Credit

Prerequisite: French IV (Grade of "B" or higher)

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

This is a college-level course intended for students in their fifth year of study of French. Students who enroll in this course should already have a good command of grammar and be able to read, write, listen, and speak French. AP students will fine-tune these skills and increase vocabulary within a meaningful study of six themes: Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Students must be able to handle a course conducted entirely in French and be willing to commit the time necessary to prepare for active participation in the classroom.

SPANISH I

1.00 Credit

Prerequisite: Grade of "C" or higher in English

This course is designed to give the student a basic, fundamental knowledge of the Spanish language and the people who speak it. Reading, writing, speaking, and listening skills are equally stressed and developed with a concentration in the present tense. Fundamental grammatical structures are presented through culturally thematic chapters. Topics include family and friends, personal interests, school, foods, sports and weather. There is a study of the cultures of Spanish speaking countries.

SPANISH II

1.00 Credit

Prerequisite: Spanish I - Grade of "C" or higher

This course continues to provide the study of grammar and vocabulary while further developing the reading, writing, speaking, and listening skills previously acquired. Classroom conversations, compositions, and supplemental exercises for verbal and written practice are employed. Students are encouraged to use their developing language abilities. There is a study of the cultures of Spanish speaking countries and a unique semester-long food project allowing the students to experience and research Hispanic cuisine..

SPANISH III

1.00 Credit

Prerequisite: Spanish II or its equivalent

This course reinforces the skills and concepts previously acquired and continues building on the fundamental grammar. Reading, composition, and verbal communication skills are emphasized. Spanish culture and civilization are explored through research and authentic Hispanic literary texts. These selected works of Spanish literature are read and discussed. Spanish is the language of the classroom. Students are highly encouraged to have a Spanish/English dictionary or a device of some kind to use an online dictionary.

HONORS SPANISH III

1.00 Credit

Prerequisite: Spanish II (Grade of "B" or higher)

This course runs concurrently with Spanish III. Students will be expected to complete the requirements of Spanish III in addition to completing eight (8) Honors activities at mastery level.

SPANISH IV

1.00 Credit

Prerequisite: Spanish III or its equivalent

This course reviews and reinforces all skills and grammar previously learned. Expansion of the Spanish vocabulary as well as complex grammar structures is the goal. The emphasis is on reading, verbal expression, composition and presentation with preparation for college study in mind. Selected literary works including short stories, novels, poetry, and drama of Spain and Latin America are read, discussed and compared. Culture and civilization are also intertwined throughout the course. Students who enroll in Spanish IV will have the privilege to earn the Seal of Biliteracy if they succeed on the APPL test given at the end of the semester. Spanish is the language of the classroom.

HONORS SPANISH IV

1.00 Credit

Prerequisite: Spanish III (Grade of "B" or higher)

This course runs concurrently with Spanish IV. Students will be expected to complete the requirements of Spanish IV in addition to completing eight (8) Honors activities at mastery level.

AP SPANISH LANGUAGE & CULTURE

1.00 Credit

Prerequisite: Spanish IV (Grade of "B" or better)

Fee: approx. \$98 AP Exam

Students are required to take the Advanced Placement Exam in May.

This course reviews and reinforces all skills and grammar previously learned. Expansion of the Spanish vocabulary, as well as complex grammar structures are incorporated throughout. The goal is building communication skills. The focus is speaking and listening fluency, along with an emphasis on reading, composition, and presentation, with preparation for college study in mind. Selected literary works, including short stories, novels, poetry, and drama of Spain and Latin America are read, discussed, and compared. Culture and civilization are also intertwined throughout the course. Spanish is the language of the classroom.

FINE AND PERFORMING ARTS DEPARTMENT

The principal goal of the THS art department is to offer a learning environment in which all students can develop knowledge and skills of visual creativity that they can use for the rest of their lives. Therefore, the course offerings and sequences in our art program have been planned to meet the needs and interests of all levels of achievement; to develop and enrich each individual's capacity as a consumer, hobbyist, or potential professional artist or designer.

ART

Grade Level	Courses Offered	Credits
9,10,11,12	Basic Art	1.00
10,11,12	Studio Art	1.00
11,12	Honors Studio Art	1.00
11,12	AP Studio Art: Drawing	1.00
11, 12	AP Studio Art: 2-D Design	1.00
11, 12	AP Studio Art: 3-D Design	1.00
10, 11, 12	Art & Technology	1.00
10, 11, 12	Ceramics	1.00
10, 11, 12	Painting	1.00

Related Careers- Art Education, Illustration, Graphic Design, Architecture, Game Design, Animation, Product Design, Interior Design, Magazine and Print

BASIC ART

1.00 Credit

Grade Level 9-12

This class focuses on the fundamentals of art. Emphasis is on the elements and principles of design and how they are used to communicate ideas visually. Projects include drawing, painting, ceramics, sculpture and printmaking. The skills and concepts you will learn are the building blocks for all future art classes.

STUDIO ART

1.00 Credit

Prerequisites: Basic Art; Grade Level 10-12

This class is designed for students to increase technical skills in a variety of art media and to develop creative problem solving skills. Students will learn advanced techniques in drawing, painting and sculpture. Amaze yourself, your friends and family with the artwork you will create.

HONORS STUDIO ART

1.00 Credit

Prerequisites: Studio Art; Grade Level 11-12

Students are expected to develop increased self-direction and independent creative thought as they improve their skills and explore selected media. Projects and material change each year so you may repeat this class a second time for credit.

AP STUDIO ART: DRAWING

1.00 Credit

AP STUDIO ART: 2-D DESIGN

1.00 Credit

AP STUDIO ART: 3-D DESIGN

1.00 Credit

Prerequisites: at least 1 Semester of Advanced Studio Art taken in the same school year as AP

Fee: approx. \$98 AP Exam

Students are required to complete the Advanced Placement Portfolio in May.

This is an introductory college-level art course that is intended for highly motivated students who are seriously interested in the study of art. Each student will choose to work on either a drawing or 2-D design portfolio. All students are required to submit a portfolio to the Regional College Board in the spring, and may be eligible to receive 3 hours of college credit based on the portfolio assessment.

ART & TECHNOLOGY

1.00 Credit

Prerequisites: Basic Art; Grade Level 10-12

This class explores the use of digital media as a means of communication and artistic expression. It introduces the use of digital imagery technology as an art form and as a design tool in the graphics industry. The class will use software such as PhotoShop and Illustrator to complete projects. Students will investigate possible careers in the fields of art and technology.

CERAMICS

1.00 Credit

Prerequisites: Basic Art; Grade Level 10-12

This course provides a comprehensive study in hand-built clay construction, methods of sculpture, form, functional art, and decorative art. Students explore three-dimensional design while developing both useful and sculptural forms. Students will explore a variety of finishes for ceramic pieces from glazes to painting techniques. Creativity and quality craftsmanship are emphasized.

PAINTING

1.00 Credit

Prerequisites: Basic Art; Grade Level 10-12

Get ready to unleash your inner artist in this fun and dynamic painting course! Whether you're a total beginner or already love to paint, you'll explore a variety of techniques and mediums like acrylic, watercolor, and oil. We'll mix hands-on projects with cool art history stories to inspire your creativity and show how painting has shaped the world - past and present. This class is all about expressing yourself, sharpening your skills, and thinking outside the canvas. By the end, you'll be ready to take on the world of painting and make it your own!

DRAMA

Grade Level	Courses Offered	Credits
9, 10, 11, 12	Drama	1.00

DRAMA

1.00 Credit

The purpose of this course is to study the art of acting and different forms of theatre through independent work, observation, class, and public performance. It will provide the student with an opportunity to explore and develop skills in the various aspects of dramatic presentation and performance in a classroom situation. The goal of this course is to promote an appreciation for all elements of the theater arts.

Career Connections – Development of public speaking skills and confidence will benefit students in any profession. Critical thinking and analysis are also skills that would be beneficial to many careers.

Related Careers – acting, directing, designing, teaching, writing, public relations, human resources, psychology

MUSIC

Grade Level	Courses Offered	Credits
9, 10, 11, 12	Band	1.00
9, 10, 11, 12	Jazz Band	1.00
9, 10, 11, 12	Choir	1.00
9, 10, 11, 12	Music History	1.00
9, 10, 11, 12	School of Rock	1.00
9, 10, 11, 12	Music Technology	1.00

Career Connections: Students interested in careers in developing a life-long skill of music literacy and music appreciation will benefit from this class. Students will develop performance skills, presentation skills, team-oriented skills and music literacy skills. These skills directly and indirectly correlate to and enhance a wide-variety of professions and life experiences.

Related Careers— Performance musician, music education, early childhood education, music director/conductor, music historian, sound engineer, acoustical architecture, ENT Specialist, speech pathologist, audiologist, music composition, music technology, sales of musical instruments and related materials for music instruction, music recording, music therapy

BAND

1.00 Credit

Two-Semester (All-Year) Split Block

Fee: \$75.00 + Band Camp Fees

Prerequisite: Past Instrumental Experience and/or Audition

This course offers students an intensive training in the skills of marching and playing instruments in an ensemble. Additionally, some students can participate as members of the color guard, where they will receive intensive training in the skills related to that discipline. Students will perform weekly at Varsity Football games for the first 10 weeks of school. A summer schedule must be met to fulfill the requirements. All rehearsals & performances are mandatory and graded. Full rehearsal & performance schedules will be available by the end of the previous school year. Some sections (e.g. color guard & drumline) might have additional required rehearsals scheduled by instructors as needed.

Attendance is mandatory at the following:

Pre-Camp (Summer - Dates to be determined)

Band Camp (Summer - Dates to be determined)

Post-Camp (Summer - Dates to be determined)

Required Marching performances include: all football games, 2 band festivals, pep assemblies, homecoming parade/bonfire, at least 1 annual community parade (Circle Fest), and Veterans Day observances. Required concert performances include: one concert in December and one concert in April. The band periodically plans away trips when sufficient funds can be raised. Fees to include: band camp, shirt, shoes, gloves and uniform cleaning fee.

JAZZ BAND

1.00 Credit

Two-Semester (All-Year) Split Block

Prerequisite: Past Instrumental Experience and/or Audition

Jazz Band is an instrumental ensemble that will study various styles of jazz literature including, but not limited to jazz, swing, Latin, funk, and rock. Improvisation will be taught in various styles. Additionally, time in class will be spent developing small ensemble and solo performance skills. This is a performance-based class that will include two concerts and may include additional performance opportunities as determined by the instructor.

CHOIR

1.00 Credit

Two-Semester (All-Year) Split Block

Prerequisite: Director Approval for students who have no prior choir courses

This class is designed for students to apply musical skills as they continue to create & experience music in an ensemble. Students will continue developing mastery of solfege, major & minor scales, and 4 part harmonies. Students will convey musical interpretation with the use of dynamics, phrasing, facial expression, and movement. Students will understand how a musical composition is structured through listening and analysis. Students will be able to aurally and visually identify repetition in musical scores, continue to develop an understanding and appreciation of the differences in music from other cultures and the connections music brings to people, places and time. Topics will provide a strong basis for continuation of music skills on the path to becoming a life-long participant of music.

MUSIC HISTORY

1.00 Credit

Two-Semester (All-Year) Split Block

This course is designed to develop students to be self-directed in their course work completion, critical thinkers in how music has shaped American culture, and collaborators as they work on projects together. This course examines the popular music of each decade, how that music connected with the time period, and how music is important in our lives. It is designed as a individually paced, "choose your own adventure" course. It also provides a fast-paced class period (daily listening- decades-projects) and allows for a great deal of choice and voice for the students for maximum engagement.

SCHOOL OF ROCK

1.00 Credit

This class is an exploration into the creation and performance of popular music through the medium of modern "rock" band for students in grades 9 - 12. Students will be provided with the opportunity to learn and grow in basic knowledge of guitar, keyboard, bass, drum set, vocals, and creation of music through a "rock" combo. This course is designed so that any level of student can be a part of the ensemble and directed towards growth on each of the instruments. There will be at least one required public performance in association with this class. Fees to include: drum sticks, practice pad, guitar picks.

MUSIC TECHNOLOGY

1.00 Credit

This class will equip the student with a working knowledge of the art of music through the use of software and hardware designed to assist in the creation, amplification and alteration of music. In addition to developing compositional abilities, experiences will include the development of skills needed to analyze and evaluate music. Students will continue to explore music's relationship with other disciplines and its impact on culture, and development of ability to perform, record, present, and discuss original compositions.

TECHNOLOGY EDUCATION DEPARTMENT

Grade Level	Course Title	Credits
9,10,11,12	Basic Metals	1.00
9,10,11,12	Advanced Metals	1.00
10, 11, 12	Engineering Graphics	1.00
9, 10, 11, 12	STEM Education	1.00
9, 10, 11, 12	Coding in Python 1	1.00
9, 10, 11, 12	Coding in Python 2	1.00

BASIC METALS

1.00 Credit

Prerequisite: None

Current Fee: cost of project materials

In this introductory course the student will study materials and processes common in the metal working industry including precision measurement, aluminum casting, oxyacetylene brazing and welding, arc welding, forging, machining, hand bench work, metallurgy, and sheet metal. Safety and workmanship are stressed daily! Students will design and plan their own projects. The lab fee pays for consumables like gas and abrasives and the student must also pay for metal used from the lab. "Safety glasses required."

ADVANCED METALS

1.00 Credit

Prerequisite: Mastery of Basic Metals (Grade C or better)

Current Fee: cost of project materials

Advanced Metals allows a further study of the metal working industry. Included is advanced casting, arc welding, Metal Inert Gas Welding (MIG), blueprint reading, advanced machining, and maintenance and repair. Increased craftsmanship, details, design, planning, construction, and safety are expected. There is a fee which pays for consumables such as gas and abrasives and the student must also pay for metal used from the lab. This course may be repeated for credit. "Safety glasses required."

ENGINEERING GRAPHICS

1.00 Credit

Prerequisite: None

Engineering Graphics is a course designed to introduce the student to technical drawing. The first part of the course is dedicated to learning standard drafting principles using AutoCAD software. The second part focuses on learning three dimensional modeling. Content to be covered includes sketching, multi-view drawing, dimensioning, working drawings, solid modeling and problem solving.

STEM EDUCATION

1.00 Credit

Prerequisite: None

This hands-on STEM course introduces students to the exciting world of modern design and fabrication. Using advanced tools such as 3D printers, laser engravers, CNC routers, and woodworking machinery, students will bring their ideas to life while developing critical thinking and problem-solving skills. Through Computer-Aided Design software and traditional hand tools, students will explore engineering, design, and manufacturing concepts. Projects will emphasize creativity and real-world applications, preparing students for careers in engineering, design, and skilled trades. This course encourages teamwork, innovation, and practical problem-solving while fostering a deep understanding of STEM principles.

CODING IN PYTHON 1

1.00 Credit

Prerequisite: None

This course provides an in-depth introduction to coding in Python. Upon completion students will master fundamental coding concepts such as statements, variables, expressions, conditionals, and loops. Students will also gain proficiency with advance topics including software libraries, automation, and sprite-based graphics. Throughout the course, students will continuously demonstrate their knowledge through coding projects such as games, animations, and other interactive programs.

CODING IN PYTHON 2

1.00 Credit

Prerequisite: Coding in Python 1 (Grade of C or better)

This course continues the in-depth introduction to coding in Python from CS201. During the course, students will master fundamental data structures such as lists, tuples, and dictionaries. Students will also gain proficiency with advanced topics including for-each, loops, string operations, web APIs, and user-defined function. This course will also prepare students to complete the Python Institute's Certified Entry-Level Python Programmer certification exam

FAMILY & CONSUMER SCIENCES

Grade	Course Title	Credit
9, 10	Transitions & Careers	1.0
10, 11, 12	Global Foods	1.0
10, 11, 12	Culinary Fundamentals	1.0
10, 11, 12	Nutrition & Wellness / Weight Training	0.50 + 0.25
10, 11, 12	Child Development	1.0
10, 11, 12	Interior Design, Furnishings & Management	1.00
10,11,12	Fashion Studies	1.00
12	Adulting	1.00

Note: some courses may be offered every-other year

All students in Family and Consumer Sciences classes build leadership skills through participation in Family, Career and Community Leaders of America (FCCLA), the national career tech student organization for Family and Consumer Sciences.

TRANSITIONS & CAREERS

1.0 Credit

Grade Level: 9-10

Prerequisite: None

- Create a career plan for high school and beyond
- Build skills for success in school, work and life

GLOBAL FOODS

1.0 Credit

Grade Level: 10-12

Prerequisite: None

- Compare cuisines & ingredients of various cultures.
- Connect traditions, regional and cultural food choices with global regions
- Examine the issues that affect food in the global market,
- Apply advanced cooking techniques & equipment in the preparation of global foods

Career Connections: Students interested in careers in the food industry along with anyone planning to cook for friends, family or self.

Related Careers--Registered Dietitian, Nutritionist, Food & Wellness Director, Wellness Specialist, Chef, Caterer, Restaurant Entrepreneur, Food Writer/Critic

CULINARY FUNDAMENTALS

1.0 Credit

Grade Level: 10-12

Prerequisite: Global Foods or Transitions

- Practice culinary techniques and advanced cooking methods
- Demonstrate safe use of advanced equipment
- Practice time management with food
- Plan and carryout a food event project

Career Connections: Students interested in careers in the food industry along with anyone planning to cook for friends, family or self.

Related Careers-- Chef, Baker, Cake Designer, Caterer, Event Planner, Food Anthropologist, Restaurant Entrepreneur, Food Stylist, Food Writer/Critic, Nutritional Science Researcher, Sustainable Farmer, Food Anthropologist, Restaurant Entrepreneur.

NUTRITION & WELLNESS (0.50 Credit) / WEIGHT TRAINING (0.25 Credit)

0.75 Total Credit

Linked courses meet on alternating days

Pre-requisite: Grade Level 10-12; Intro to FCS, Principals of Global Food/Global Foods

Nutrition & Wellness

Students will apply principles of nutrition to health; plan and prepare meals to satisfy nutritional needs; investigate use and effect of steroid and supplements; analyze diet plans; and create plans for body weight management

Weight Training

This course may substitute for one required physical education class. Weight training will meet every other day and students are required to wear appropriate clothing (shoes, socks, shirt, and gym shorts). Major areas of concentration include: flexibility; strength; endurance; speed; agility; footwork; and cardiovascular improvement.

Career Connections: Students interested in careers in the food industry or health & wellness along with anyone planning to cook for friends, family or self.

Related Careers--Registered Dietitian, Nutritionist, Sports Nutritionist, Nurse, Pediatrician, Family Physician, Public Health Case Manager, Nutritional Science Researcher, Sustainable Farmer, Food Anthropologist, Restaurant Entrepreneur.

CHILD DEVELOPMENT

1.0 Credit

Grade Level: 10-12

Prerequisite: None

- Research prenatal development, growth & care
- Analyze parenting styles & best practices
- Develop strategies for building cognitive growth
- Create a plan and carryout an event for children

Career Connections: Students interested in careers in teaching/education, health/medicine, psychology, and childcare will benefit from this course along with anyone who will be involved in the life of a child.

Related Careers— Child Care Worker, Nanny/Au Pair, Children's Librarian, Teacher, School Counselor, Psychologist, Health Educator, Preschool Teacher, Child/Family/School Social Worker, Coach, Child Advocate, Family Therapist, Child Life Specialist, Juvenile Officer, Recreation Leader, Recreation Therapist, Speech/Language Pathologist, Midwife, Nurse Practitioner, Pediatrician, Obstetrical RN

INTERIOR DESIGN, FURNISHINGS & MGMT

1.00 Credit

Grade Level: 10-12

Prerequisite: None

- Apply principles of design to create home spaces
- Select and organize furnishings, floors and wall coverings for a variety of living spaces
- Produce, repair, or re-purpose a textile product
- Investigate laws and consumer issues

Career Connections: Students interested in careers in housing & furnishings, design, architecture, real estate, furniture design or construction will benefit from this course

Related Careers—Interior designer, furniture designer, architect, realtor, theater/movie set designer, landscape designer

FASHION STUDIES

1.00 Credit

Grade Level: 10-12

Prerequisite: None

Students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of Fashion Design and Merchandising. Students will identify, analyze and apply production processes, history of fashion and designers, textiles, creating original designs, and study the ever-changing trends in the fashion industry and market.

ADULTING

1.0 Credit

Grade Level: 12

Prerequisite: None

During the first quarter of the semester we will focus on how to apply for college, the FAFSA application, and scholarships to help pay for future education. During this time we will be researching careers, building interviewing techniques, and adding to our employability skills. Second quarter we change our focus to life after high school or college. During this part of the semester we will develop personal financial plans for our future. We will be analyzing services from financial institutions, consumer protection services, taxes, and investing and risk management. We will gain a better understanding of the effects of good and bad credit and how it affects our major purchasing decisions. We will demonstrate how to make purchases within our personal financial budget by identifying important purchases for ourselves (home, apartment, automobiles, and insurance).

*Articulated College Credit is available.

BUSINESS DEPARTMENT

Grade Level	Course Title	Credits
9, 10	Business Foundations	1.0
10, 11, 12	Marketing Principles	1.0
10, 11, 12	Entrepreneurship	1.0

Career Connections: Students interested in careers in the business/marketing field will benefit from the Business Pathway. Career potential in business and marketing is unlimited.

Related Careers: CEO, CFO, Entrepreneur, Marketing Director, CPA, Financial Analyst, Financial Advisor, Stockbroker, Operations Manager, Advertising manager, Public Relations manager, HR Coordinator, Market Research Analyst, Sales Manager, Bookkeeper, Office Manager, Administrative Assistant, Sales Associate, Accounting Clerk

BUSINESS FOUNDATIONS

1.00 Credit

Prerequisite: Grade Level 9-10 ONLY

- **Earn Financial Literacy Credit for Graduation**
- Credit & personal budgeting
- Introduction to Economics, Business, Finance, Marketing
- Employability Skills
- Technology – Software Applications to reinforce business disciplines
- **For Classes of 2026 & beyond: this course is required for graduation**

MARKETING PRINCIPLES

1.00 Credit

- Fundamentals of Marketing Communications
- Marketing Management
- Marketing Research and Strategies
- Generate, screen, and develop new product ideas
- Technology – Software Application

ENTREPRENEURSHIP

1.00 Credit

- Advanced technological tools and applications to develop business insights
- Entrepreneurial focus
- Students will create business plans
- Students will complete an electronic portfolio
- Student participation in BPA (Business Professionals of America)

2025-2026 Career-Technical Education Programs

STEM (Science, Technology, Engineering and Mathematics) programs are part of a statewide collaborative venture to help Ohio stay competitive in today's global economy. Please click on the links for the [Six District Compact](#) website and the [Full Course Catalog](#) for more details.

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Community Agriculture for Local Impact STEM	7

Arts and Communication

Modern Communication through Media Production	8
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Business

Business and Sports Management	10
EntrepreNew Pathways	11
Academy of Medical Office and Business Management	12

Construction

Construction Technologies	13
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Education and Training

Teaching Professions	14
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Health Science

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Marketing

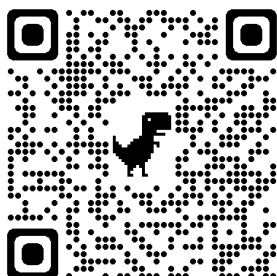
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[Six District Compact Website](#)



[Six District Course Catalog](#)

