

Program Planning Guide



Tallmadge High School

2024 – 2025 School Year

“Every Tallmadge graduate is successfully employed, enrolled or enlisted.”

Tallmadge High School

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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 Treen

Building Principal

Tallmadge High School

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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

	Graduation 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 World History - 9 th American History - 10 th US Government & Politics - 11 th Elective Social Studies course - 12 th
Physical Education Health	0.50 credit-Physical Education* 0.50 credit-Health
Required Electives	9 credits total Must include: 1 credit-Fine Arts In addition, one or any combination of Foreign Language, Business, Fine Arts, Career Tech, Family & Consumer Sciences, Technology or English, Math, Science & Social Studies not previously required
Additional Requirements	Passed Financial Literacy course (Classes listed below)
Testing Requirements	**Ohio State Tests (OST) and Ohio Graduation Seals <i>(refer to website for specific requirements)</i>
Total Credits Required	26

** Refer to the current graduation and testing requirements on the
[THS Graduation & Testing Requirements](#) webpage

Classes that include Financial Literacy component for Graduation requirement

Class of 2024-2025:

Business: Business Foundations, Financial Accounting, Legal Environment of Business, Fundamentals of Business & Administrative Services, Strategic Entrepreneurship, Finance Foundations, Business Management Principles, Marketing Principles, Professional & Technical Sales

Family & Consumer Science: Child Development, Culinary Fundamentals, Global Foods, Interior Design, , Nutrition & Wellness, and Transitions & Careers, Adulting

Social Studies: Economics

Class of 2026 & Beyond:

Business: Business Foundations

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.

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, 3 credits Science,
4 credits Social Studies, 1 credit Fine Arts,
2-3 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 <http://www.tallmadgeschools.org/Awards1.aspx>

The MANY Ways to earn an Honors Diploma

Students can only earn one Honors Diploma.

- Students will: 1) receive recognition in graduation program,
 2) receive a cord to wear with cap and gown, and
 3) receive an Honors Diploma Seal

Honors Diploma Criteria available through Class of 2025

*Students must meet **all but one** of the criteria to qualify for an Honors Diploma;
 any one of the criteria may be the one that is not met.*

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

NEW Honors Diploma Criteria available to Class of 2024 & Beyond

*Students must meet **all but one** of the following criteria. Students must meet general graduation requirements and complete the requirements outlined below to qualify for honors diplomas. Students may replace options 4, 5 or 6 with a "Student Strength Demonstration."*

Criterion	Academic Honors Diploma
1. Math	4 units, Algebra I, Geometry, Algebra II, and one other higher level course
2. Science	4 units, including two units of advanced science
3. Social Studies	4 units
4. World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
5. GPA	3.5 on a 4.0 scale
6. ACT/SAT	27 ACT/1280SAT
7. Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal
8. Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal*, Portfolio or Work-Based Learning

*Students can use OMJ Readiness Seal in 2 additional seals requirement if it is not used in Experiential Learning

Student Strength Demonstration Replacement

Students can use the Student Strength Demonstration to replace the **ACT/SAT, GPA or World Language** requirement for any Honors Diploma. The Student Strength Demonstration options are listed below.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credits
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma)
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

EXPERIENTIAL LEARNING OPTIONS:

Students can earn the experiential learning option by meeting one of the following options: field experience, portfolio, OhioMeansJobs Readiness Seal and work-based learning.

FIELD EXPERIENCE:

Courses at Tallmadge High School that have field experience: Senior Field Experience (formerly Senior Project), Civic Engagement, and Work Based Learning through CTE program

To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience](#) .

PORTFOLIO:

Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.

[Click here for more detailed guidance on the portfolio criterion](#) .

OHIOMEANSJOBS READINESS SEAL:

To earn the [OhioMeansJobs Readiness Seal](#), motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned. At THS, students have to opportunity to earn this seal through Employment

WORK-BASED LEARNING:

[Work-based learning](#) experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.

NEW! 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

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.

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.

Kent State University: Visit website for further updates <http://www.kent.edu/CCP>

The University of Akron: Visit website for further updates <http://www.uakron.edu/ccp/>

Stark State College: Visit website for further updates <http://www.starkstate.edu/collegecreditplus>

****PLEASE NOTE****

By State Law, parents of students who intend to participate in College Credit Plus are required to view the CCP Presentation online:

<https://www.tallmadgeschools.org/CollegeCreditOptions.aspx>

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 the course, or if they earn a failing grade, all costs revert to the student/parents.

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.

Stark State University

Multiple pathways available depending on student interest- to view options go to:
<https://www.starkstate.edu/admissions/collegecreditplus/ccp-pathways/>

The University of Akron

Multiple pathways available depending on student interest- to view options go to:
<https://www.uakron.edu/ccp/course-list>

Kent State University

15 Credit Hour Pathway

Course Name & Number	Course Prerequisite	College Credits
ENG 11011 - College Writing I	Placement	3
Kent CORE Mathematics or Critical Reasoning Course	See Catalog	3-5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science Course		3
Kent CORE Basic Science Course	See Catalog	3-5
		Total Credits: 14-16 maximum per semester

30 Credit Hour Pathway (includes 15 Credit Hour Pathway above)

Course Name & Number	Course Prerequisite	College Credits
Kent CORE English course	See Catalog	3
Kent CORE Mathematics or Critical Reasoning Course	See Catalog	3-5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science Course		3
Kent CORE Science Course	See Catalog	3-5
		Total Credits: 14-16 maximum per semester

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. For more information go to <https://www.tallmadgeschools.org/SchoolLinks.aspx>

Progress Book

Students and parents are strongly encouraged to access Progress Book online at www.tallmadgeschools.org 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: <https://jobseeker.k-12.ohiomeansjobs.monster.com/seeker.aspx>

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: 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

ACT PREPARATION 1.0 Credit

Prerequisite: Algebra II

This Course will emphasize ACT test taking strategies, specifically math skills, language skills, reading skills, and science-reasoning skills. Students will practice note taking techniques, test taking strategies, questioning and thinking skills, information retrieval, pre-ACT test practice, memory technique, reading in the content areas, and vocabulary development. This course is for the student taking the test for the first time or a student who has taken the test many times. The ultimate goal is to improve the student's score. This course is graded Pass/Fail.

STRATEGIES FOR SUCCESS 1.00 Credit

Grades: 9, 10

By Intervention Specialist or School Counselor Placement ONLY

Strategies for Success is a course to help students develop necessary skills for independent life. This course provides lifelong growth and knowledge in the areas of social, behavior, and emotional skills. Through this class students will learn 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 be a successful contributing member of society. The goal is for students to gain positive strengths/skills, habits, attitude, peer to peer communication, and educated decision making skills (SHAPE).

APPLIED EXPLORATION 1.00 Credit

Prerequisite: Application & Parent Meeting Required

Students will investigate personal interests related to science, social studies, and English standards in this project-based, interdisciplinary course. The course will focus on research, critical thinking, creativity, innovation, and content crossovers between these three subject matters. Throughout the projects, students will take time to reflect on their process and journey. Students will have the opportunity to delve into personal interests that fall under broad themes (for example, human and governmental impact on the environment or public and personal health). Students will have the opportunity to earn a credit in one of the three subject areas.

SENIOR FIELD EXPERIENCE 1.0 Credit

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.

CAREER-BASED INTERVENTION (CBI) 1.0+ Credit

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

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

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

By Special Education Department Placement Only

This is a two-part course.

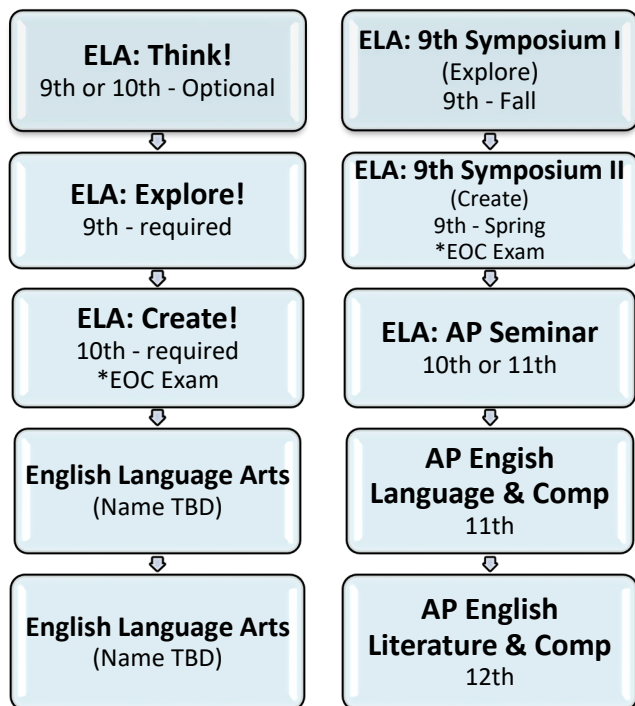
Part one is the classroom component where students will learn financial literacy, contract literacy and other independent living skills that will allow them to live independently in their community. Students will also become more aware of their preferences, interests, needs, and strengths, as well as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

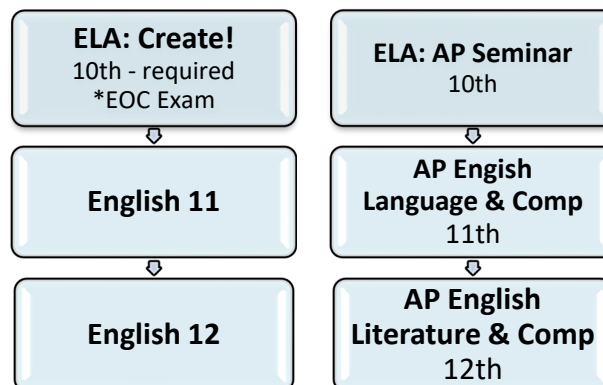
ENGLISH DEPARTMENT

Grade Level	Course Title	Credits
9, 10	ELA: Think!	1.00
9	ELA: Explore!	1.00
9	ELA Symposium I & II (Formerly Honors 9)	1.00
10	ELA: Create!	1.00
10,11	ELA: Advanced Placement (AP) Seminar	1.00
11	English 11	1.00
12	English 12	1.00
12	AP English Literature & Composition	1.00
10, 11, 12	Creative Writing	1.00
9,10,11,12	Introduction to Journalism	1.00
10,11,12	Journalism I & II	1.00 per semester
9,10,11,12	Annual Staff I & II	1.00 per semester
9,10,11,12	Speech	1.00
9,10,11,12	Introduction to Broadcasting	1.00

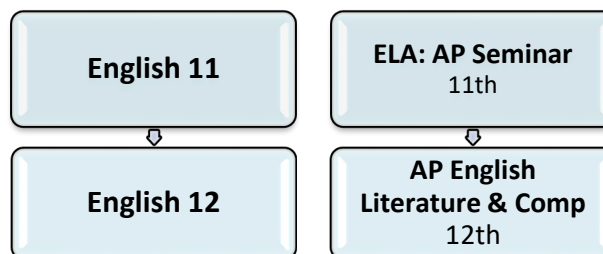
Class of 2028 & beyond



Class of 2027



Class of 2026



Class of 2025



ELA: Think! 1.00 Elective Credit Only*9th or 10th Grade Optional***Reading Comprehension & Critical Thinking***(See flow chart for pathway options)*

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 Grade Required***Informational Text & Research***Recommended for 9th or 10th grade**(See flow chart for pathway options)*

This course will focus on the important elements of research, comprehension, and implementation of knowledge. Students will explore 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 Requirement***Writing & Language**

Connected to Ohio State Testing (OST) for graduation
(See flow chart for pathway options)

This course will focus on establishing and developing writing skills. Students will understand and apply writing concepts such as creating different sentence structures, identifying and crafting various types of writings, drafting and revising, and producing publishable products. Students will also learn editing (self, peer, group) skills and grammar, while writing about topics of their interest and choice.

ELA: Symposium I & II 1.00 Credit*9th Grade Option: Class of 2028 & beyond***Advanced Inquiry in Reading & Critical Thinking, Informational Text & Research, and Writing & Language**

Connected to Ohio State Testing (OST) for graduation
(See flow chart for pathway options)

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: ADVANCED PLACEMENT (AP) SEMINAR**1.00 Credit***10th or 11th Grade***Introduction to Advanced Placement Skills & Comprehension**Offered to 10th & 11th grade

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.

ENGLISH 11**1.00 Credit**

Emphasizes analysis of grade-level appropriate literature, extensive study of grammar, various oratory assessments, and writing that includes short, sustained assignments as well as MLA formatted essays with attention given to thematic focus and a fully-documented research essay formatted using either MLA or APA in accordance with discipline. Students will also engage in a study of grade-level vocabulary and etymology in preparation for the ACT.

ENGLISH 12**1.00 Credit**

The focus of study in this class emphasizes analysis and evaluation of grade-level appropriate literature, advanced vocabulary, grammar, and writing, which includes short, sustained MLA formatted research and assignments.

AP ENGLISH LITERATURE & COMPOSITION**1.00 Credit***Prerequisite: English Honors II or Department Permission**Fee: approx. \$98 AP Exam*

Students are required to take the Advanced Placement Exam in May. (Approx. Cost = \$98)

The AP English curriculum emphasizes college-level analysis of poetry, prose and fiction through the use of deep reading strategies and the application of literary theory and criticism to evaluate and synthesize texts presented. In addition, students will complete an intensive study of grammar and advanced study of vocabulary and etymology. Writing in AP English will focus on thesis development, evidence and commentary, and sophistication that demonstrates a clear line of reasoning and style. Writing in the course will include short journals and assignments, in-class timed essays, and a sustained literary research essay employing MLA documentation and format.

CREATIVE WRITING**1.00 Credit
Elective Credit Only***Grades 10, 11, 12
Prerequisite: English 9*

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.

SPEECH**1.00 Credit
Elective Credit Only***Grades 9, 10, 11, 12
Prerequisite: None*

This course is designed to provide an opportunity for students to study and participate in a general course of oral communication. 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.

INTRO TO BROADCASTING**1.00 Credit
Elective Credit Only***Grades 9, 10, 11, 12
Prerequisite: None*

The purpose of this course is to 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.

**ANNUAL STAFF I
ANNUAL STAFF II****1.00 Credit per Semester
Elective Credit Only***Grades 9, 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.

INTRODUCTION TO JOURNALISM**1.00 Credit per Semester
Elective Credit Only***Grades 9, 10, 11, 12*

The purpose of this course is to learn and demonstrate journalistic skills on our three platforms: print media, social media, and broadcast. Students will be introduced to the study of 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 weekly and team projects focused on covering Tallmadge High School and the Tallmadge community for our target audience. Example products include the THS newspaper, the Devils' Tale website, the GameDay live broadcast, podcast and twitter interviews, live-tweeting events, photography of events, and infographics. Students begin in Introduction to Journalism and then may continue their journalism studies by taking Journalism I and Journalism II as many times as they would like.

**JOURNALISM I
JOURNALISM II****1.00 Credit each Semester
Elective Credit Only***Grades 9, 10, 11, 12
Prerequisite: Intro to Journalism – "C" Average or better*

The purpose of this course is to learn and demonstrate journalistic skills on our three platforms: print media, social media, and broadcast. Students will continue to advance their study of news, editorial, feature, and sports writing as well as headline writing, editing, photography, graphic design, desktop and website publishing, and advertising. Students will create weekly and team projects focused on covering Tallmadge High School and the Tallmadge community for our target audience. Example products include the THS newspaper, the Devils' Tale website, the GameDay live broadcast, podcast and twitter interviews, live-tweeting events, photography of events, and infographics. It is recommended that students register for both Journalism I and Journalism II if they plan to hold a leadership role (editor) in the course. This course may be taken more than once.

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
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

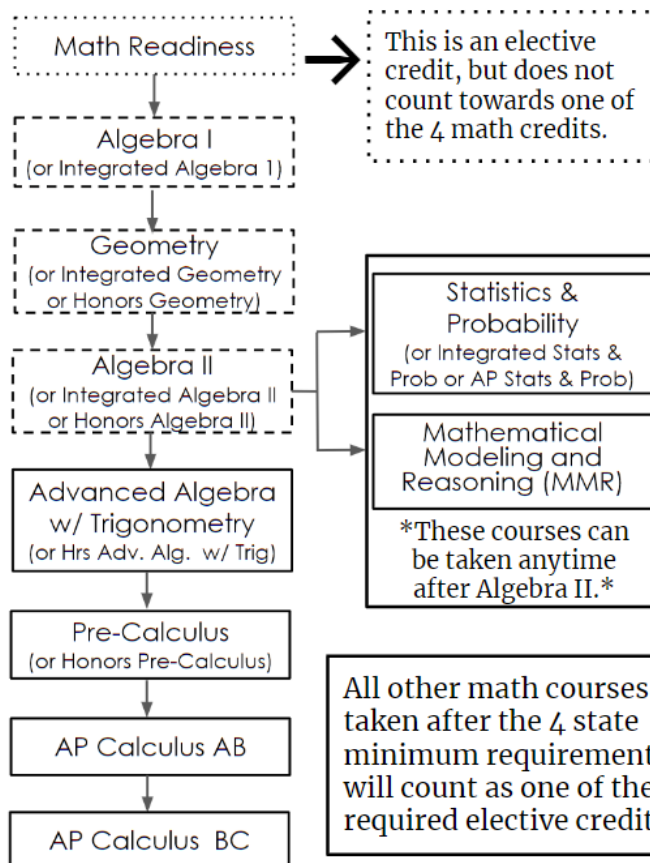
Mathematics State Requirements for Graduation

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*One Semester Block**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.

INTERATED ALGEBRA 1 1.00 Credit*One Semester Block**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*One Semester Block**Prerequisite: Integrated Algebra II**TI-84 Graphing calculator required (CE Plus recommended)*

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*One Semester Block**Prerequisite: Integrated Statistics 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 the concepts that examine the studies of Euclidean geometry with a strong emphasis on algebra skills.

INTEGRATED ALGEBRA II 1.00 Credit*One Semester Block**Prerequisite: Integrated Algebra I, 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*One Semester Block**Prerequisite: Teacher Recommendation**TI-84 Graphing calculator required (CE Plus recommended)*

Algebra 1 forms the foundation for all subsequent High School math courses with a state mandated end of course test required for graduation. 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

The course curriculum is intended to prepare students for post-secondary education

GEOMETRY**1.00 Credit***One Semester Block**Prerequisite: Algebra I**Ti-84 Graphing calculator required (CE Plus recommended)*

Geometry is the second high school math course with a state mandated end of course test required for graduation. 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 models (especially scale models) of real world phenomenon
- further developing their algebraic skills within the context of geometric problems

The course curriculum is intended to prepare students for post secondary education, whether it is entering college to obtain a four year degree or entering a technical school to obtain a technical certification.

Upon entering the course, students are required to have a compass, a protractor, a drawing triangle, a straight edge, a notebook, and a graphing calculator.

HONORS GEOMETRY**1.00 Credit***One Semester Block**Prerequisite: Algebra I or Teacher Recommendation**Ti-84 Graphing calculator required (CE Plus recommended)*

Geometry is the second high school math course with a state mandated end of course test required for graduation. 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 models (especially scale models) of real world phenomenon
- further developing their algebraic skills within the context of geometric problems

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

Upon entering the course, students are required to have a compass, a protractor, a drawing triangle, a straight edge, a notebook, and a graphing calculator.

ALGEBRA II**1.00 Credit***One Semester Block**Prerequisite: Geometry**Ti-84 Graphing calculator required (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***One Semester Block**Prerequisite: Honors Geometry**Ti-84 Graphing calculator required (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***One Semester Block**Prerequisite: Algebra II**Ti-84 Graphing calculator required (CE Plus recommended)*

This course will be the final course of a student's high school Algebra experience. It is designed to prepare students for college level mathematics including Pre-Calculus and AP Calculus AB and 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***One Semester Block**Prerequisite: Honors Algebra II or Teacher Recommendation**Ti-84 Graphing calculator required (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***One Semester Block**Prerequisite: Advanced Algebra w/Trigonometry**Ti-84 Graphing calculator required (CE Plus recommended)*

- Designed for college bound students to prepare students for the study of Calculus and beyond
- In depth study of the trigonometric functions, their identities, and their graphs with focus on the concept of Domain and Range for algebraic and transcendental functions. Study of vectors and their properties; parametric and polar graphs and their equations; limits and derivatives.

HONORS PRE-CALCULUS**1.00 Credit***One Semester Block**Prerequisite: Honors Advanced Algebra w/Trigonometry or Teacher Recommendation**Ti-84 Graphing calculator required (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***One Semester Block**Prerequisite: Pre-Calculus**TI-84 Graphing calculator required (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. A passing grade on the AP Calculus AB exam will gain the student an exemption from Calculus 1 at most universities (passing the BC exam may gain the student an additional exemption from Calculus 2).

AP CALCULUS BC **1.00 Credit***One Semester Block**Prerequisite: AP Calculus AB**TI-84 Graphing calculator required (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 may be eligible for up to 9 or 10 semester hours of college credit for Calculus I and Calculus II at most schools.

STATISTICS & PROBABILITY **1.00 Credit***One Semester Block**Prerequisite: Algebra II**or Department Recommendation while currently enrolled in Algebra II**TI-84 Graphing calculator required (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***One Semester Block**Prerequisite: Algebra II**TI-84 Graphing calculator required (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***One Semester Block**Prerequisite: Geometry or Integrated Algebra 2**Grades: 10-12**TI-84 Graphing calculator required (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 (formerly Topics in Bio II)	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 of the other science courses 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		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***One Semester Block**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. This course covers the student outcomes on any mandatory, Ohio standardized tests.

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***One Semester Block**Prerequisite: Teacher Recommendation*

*"A /B" grade in 8th grade Algebra & Science
Or – "A" grades in 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***One Semester Block**Prerequisite: Physical Science*

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***One Semester Block**Prerequisite: Physical Science**and Teacher Recommendation ONLY*

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***One Semester Block*

*Prerequisite: Physical Science, sophomore standing, and
Teacher recommendation*

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 (Formerly Topics in Bio II)**1.00 Credit***One Semester Block**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- Students interested in careers in healthcare, the biological sciences, and environmental sciences will benefit from this course.

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***One Semester Block**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- Students interested in careers in healthcare, the biological sciences, and biomedical engineering will benefit from this course.

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***One Semester Block**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 in 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 the interaction between the environment, people, plants and 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 SCI**1.00 Credit***One Semester Block**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 the interaction between the environment, people, plants and 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***One Semester Block**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***One Semester Block**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***One Semester Block**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***One Semester Block**Prerequisite: Algebra II, Juniors & Seniors 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 that Shook the Universe**1.00 Credit***One Semester Block**Prerequisite: Physical Science & Biology*

*** Please refer to the College Credit Plus section of the Program Planning Guide for information on the application process and deadlines.

This is a College Credit Plus course, in cooperation with Kent State University. Students receive one credit at Tallmadge High School, and three credit hours from Kent State University. Students must attend a CCP meeting and enroll at Kent State University as a CCP student. 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	American 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

*** Students must take four (4) credits of social studies for graduation.**

Required courses include:

- 9th grade:** World History – **or** – Honors World History
- 10th grade:** American 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, American Studies, 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.

HONORS WORLD HISTORY 1.00 Credit

This course is for Freshmen Only.
Recommendation from 8th Grade American History
Teacher REQUIRED
One Semester Block

- 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

WORLD HISTORY 1.00 Credit

This course is required for all freshmen.
One Semester Block

- 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

AMERICAN HISTORY 1.00 Credit

This course is required for all sophomores.
One Semester Block

- 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

Sophomores only
One Semester Block
*Prerequisite: World History or Honors World History and Department Recommendation**
** You must attend a mandatory informational meeting before registering for this course. You must also have a recommendation from your 9th grade teacher.*

- 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
One Semester Block
Fee: approx. \$98 AP Exam
Prerequisite: Successful 1st semester completion of Honors U.S. History with a "C" or better
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

*This course is required for all Juniors.
One Semester Block*

- 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

*One Semester Block
Prerequisite: Junior Status
Fee: approx. \$98 AP Exam*

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

You must also have a recommendation from your 10th grade American History teacher.

- 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

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

PSYCHOLOGY 1.00 Credit

*This course satisfies the 12th grade social studies elective requirement
One Semester Block
Prerequisite: Junior or Senior Status*

- 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
One Semester Block
Prerequisite: Junior or Senior Status
*You must have a recommendation from your 10th grade American History teacher 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

ECONOMICS**1.00 Credit**

This course satisfies the 12th grade social studies elective requirement

One Semester Block

Prerequisite: Junior or Senior Status

- 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

CRIMINAL JUSTICE & LAW**1.00 Credit**

This course satisfies the 12th grade social studies elective requirement

One Semester Block

Prerequisite: Junior or Senior Status

- 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

One Semester Block

Prerequisite: Junior or Senior Status

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.

HISTORY THROUGH FILM**1.00 Credit**

This course satisfies the 12th grade social studies elective requirement

One Semester Block

Prerequisite: Junior or Senior Status

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.

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
10, 11, 12	Introduction to Esports <i>(Elective Only; does not satisfy State PE Requirement)</i>	1.00

PHYSICAL EDUCATION	0.25 Credit
HEALTH	0.50 Credit
	0.75 Total Credit

One Semester Block – Courses meet for nine-weeks each

Physical Education

Physical education is a required course for graduation. Students must 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

Health is a required course for graduation. 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.

ADV HEALTH / HEALTH CAREERS	1.00 Credit
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*One Semester Block
Pre-requisite: Health*

This class will be looking at health careers in today's society, what those careers entail and how students might persevere 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
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One Semester Block

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 & NUTRITION & WELLNESS	0.25 Credit
	0.50 Credit
	0.75 Total Credit

*One Semester Block – Courses meet on alternating days
Pre-requisite: Intro to FCS, Principals of Global Food/Global Foods
Grades: 10, 11, 12*

Weight Training

Elective class for grades 10, 11, 12. 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

- 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
- Create plans for body weight management

INTRODUCTION TO ESPORTS	1.00 Credit
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*One Semester Block
Grade 10, 11, 12*

NOTE: Does not satisfy PE or Health credit graduation requirement for the State of Ohio

Esports in education is about more than just gaming. Scholastic esports can be used to create high-quality, student-centered learning experiences that improve students' STEM learning outcomes, health & well-being, and position students to take advantage of post-secondary opportunities at the collegiate level and lucrative careers in the esports ecosystem. This is an introduction course to the world of esports, where students will be researching esports and technology using a detailed school curriculum from esportsohio.org.

FOREIGN 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	
10,11,12	French IV	1.00
10,11,12	Honors French IV	
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	
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 their foreign language study until their sophomore year.*

FRENCH I	1.00 Credit
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Prerequisite: Grade of "C" or better in English

This course is designed to give the student a basic, fundamental knowledge of the French language and the people who speak it. Students learn to express themselves and comprehend in the present and future. Topics include: school, sports and activities, family, friends, weather, the café, foods, and more. There is a focus on asking questions and expressing feelings and opinions. Students become familiar with the culture of France and French-speaking countries. Reading, writing, speaking, and comprehension skills are equally stressed and developed.

FRENCH II	1.00 Credit
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Prerequisite: French I (Grade of "C" or better)

This course continues to build basic fundamental knowledge of the French language and the people who speak it. Students continue to use the present and future tenses, but add on being able to express themselves and understand in the past tense. Topics include clothing, daily activities, vacation, asking for/giving instructions and expressing feelings and opinions. Students become more familiar with the culture of France and French-speaking countries. Reading, writing, speaking, and listening skills are still equally stressed and developed.

FRENCH III	1.00 Credit
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Prerequisite: French II (Grade of "C" or better)

This course continues to build vocabulary, but focuses on verb tenses. The students learn to express themselves in the present, past, future, conditional, and more! Students use their creativity throughout the semester on projects done individually or with partners. By the end, the students have a portfolio full of creative writings showcasing their knowledge of the different tenses or grammar points. Students also continue to learn about the cultures of French-speaking countries. It is required that students have a French/English dictionary or a smart phone.

HONORS FRENCH III	1.00 Credit
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Prerequisite: French II (Grade of "B" or better)

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

FRENCH IV**1.00 Credit***Prerequisite: French III (Grade of "C" or better)*

This course continues to develop strong reading, writing, listening, and speaking skills. Reading skills are improved through French novels, short stories, and current events in the news. There is an emphasis on being able to discuss what has been read, express opinions, and participate in group discussions. Verb tenses and complex grammar structures are reviewed and more are introduced. Students who enroll in French 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. French is the language of the classroom.

HONORS FRENCH IV**1.00 Credit***Prerequisite: French III (Grade of "B" or better)*

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

AP French Language & Culture**1.00 Credit***Prerequisite: French IV (Grade of "B" or better)**Fee: approx. \$98 AP Exam*

**You will be required to take the
AP French Language & Culture Exam in May.**

AP French Language and Culture 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. The 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. English is only used for occasional translations, clarification of grammatical structures, or reading of AP test instructions. Students will take the AP test in the spring.

SPANISH I 1.00 Credit

Prerequisite: Grade of "C" or better 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 better

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 better)

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 better)

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

You will be required to take the AP Spanish Language & Culture 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
9,10,11,12	Art Exploration	0.50
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	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
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Grades 9, 10, 11, 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.

Art Exploration	0.50 Credit
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Grades 9, 10, 11, 12

Prerequisite: Must be in Band or Choir concurrently

This class aims to unlock students' creative potential. Through 40-minute sessions, participants delve into fundamental art elements, engaging in hands-on projects and discussions on art history and contemporary trends. Emphasizing individualized experiences, the class caters to various artistic interests and skill levels, allowing students to explore different mediums. By the semester's end, students not only possess a diverse artistic portfolio but also cultivate critical thinking and visual literacy, making it a transformative journey for self-expression and creativity. Must be taken simultaneously with Band or Choir.

STUDIO ART	1.00 Credit
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Grades 10, 11, 12

Prerequisites: Basic Art

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
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Grades 11, 12

Prerequisites: Studio Art

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***Grades 10, 11, 12**Prerequisites: Basic Art*

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**1.00 Credit***Grades 10, 11, 12**Prerequisites: Basic Art*

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.

MUSIC

Grade Level	Courses Offered	Credits
9, 10, 11, 12	Band	1.00
9, 10, 11, 12	Marching Band Auxiliary	0.50
9, 10, 11, 12	Choir	1.00
9, 10, 11, 12	Beginner Band	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
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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 for the first 10 weeks of school. A summer schedule must be met to fulfill the requirements.

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)

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.

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.

CHOIR	1.00 Credit
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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.

BAND AUXILIARY	0.50 Credit
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Two-Semester (All-Year) Split Block
Fee: \$75.00 + Band Camp Fees
Prerequisite: Chosen by audition spring of previous year.

This course offers members the opportunity to perform with the marching band during the marching season. Rehearsals, which begin in the summer (schedule given in advance) are required and continue throughout the season. Attendance at after-school rehearsals during the football and basketball season is also required. All rehearsals and performances must be attended as part of your grade. Attendance by all auxiliary members at a five-day auxiliary summer camp (date, time and place to be determined later) is mandatory. Performances (also required attendance) include all football half-time shows, a minimum of competitions, two parades, two to three band shows, concert, pep assemblies, and basketball games (4). (Possible festival and competition performances in winter and spring)

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)

BEGINNER BAND**1.00 Credit**

Students will choose a new instrument to learn, and will follow an accelerated beginning band curriculum using a method book and supplemental materials. This class will culminate in a concert with the High School Concert Band. This course is open to anyone, and can include students that have never played an instrument before, or started an instrument in middle school but did not continue with it. Additionally, established band members can take this class if they would like to learn a secondary instrument, or are considering a career in music education. Upon completion of this course, students will be prepared to join the high school band or jazz band.

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.

DRAMA

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

ADVANCED DRAMA**1.00 Credit**

Prerequisite: C or better in Drama

A continuation of the foundational skills developed in Drama (Acting, Directing, Technical Theatre, Elements of Productions). Students will focus on the elements of production. Students will cast, rehearse, perform a play by semester's end. Specific emphasis will be placed on script/character analysis, acting techniques, and design.

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

TECHNOLOGY EDUCATION DEPARTMENT

Grade Level	Course Title	Credits
9,10,11,12	Basic Metals	1.00
9,10,11,12	Advanced Metals	1.00
9, 10, 11, 12	Engineering Graphics	1.00
9, 10, 11, 12	Intro to STEM	1.00
9, 10, 11, 12	Intro to Robotics	1.00
9, 10, 11, 12	Intro to Coding	1.00

BASIC METALS	1.00 Credit
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One Semester Block

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
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One Semester Block

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
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One Semester Block

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.

INTRO TO STEM	1.00 Credit
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One Semester Block

Prerequisite: None

This course is a fundamental introduction to the STEM subjects for students in 9th-12th grade. Students who complete this course will learn the concepts needed to develop their ideas into solutions with a high emphasis on problem-solving. Students will be allowed to create 3-D printed models, learn the basics of video game design and develop an understanding of coding. Stimulating hands-on learning activities will apply Science, Technology, Engineering, and Math content from other courses in a STEM experience.

INTRO TO ROBOTICS	1.00 Credit
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One Semester Block

Prerequisite: None

Students will walk through the design and build a mobile robot to play a sport-like game. During this process, they will learn key STEM principles and robotics concepts. Students will move through an actual engineering project. Students in MS Robotics Club may take this course for credit, no prior robotics experience is required.

INTRO TO CODING	1.00 Credit
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One Semester Block

Prerequisite: None

Would you like to make your own games and write your own programs? Coding can help you do that! Learn the fundamentals of programming concepts hands-on using popular software development tools and languages - no previous coding experience is required!

FAMILY & CONSUMER SCIENCES

Grade	Course Title	Credit
9, 10	Transitions & Careers	1.0
9, 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
11, 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

One Semester Block

Prerequisite: None

Grades: 9, 10

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

GLOBAL FOODS 1.0 Credit

One Semester Block

Prerequisite: None

Grades: 9, 10, 11, 12

- 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 will benefit from this course 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

One Semester Block

Prerequisite: Global Foods

Grades: 10, 11, 12

- 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 will benefit from this course 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.

ADULTING 1.0 Credit

One Semester Block

Prerequisite: None

Grades: 11, 12

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.

CHILD DEVELOPMENT**1.0 Credit***Prerequisite: None**Grades: 10, 11, 12*

- 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***Prerequisite: None**Grades: 10, 11, 12*

- 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

NUTRITION & WELLNESS**0.50 Credit****linked with
WEIGHT TRAINING****0.25 Credit****0.75 Credit Total***One Semester Block**Courses meet on alternating days**Prerequisite: Introduction to FCS, Principles of Food/Global Foods**Grades: 10, 11, 12***Nutrition and Wellness (9-week course)**

- 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
- Create plans for body weight management

Career Connections: Students interested in careers in the food industry or health and wellness will benefit from this course 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.

Weight Training (Physical Education Department)

Elective class for grades 10, 11, 12. 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.

BUSINESS DEPARTMENT

Grade Level	Course Title	Credits
9, 10	Business Foundations	1.0
10, 11, 12	Marketing Principles	1.0
10, 11, 12	Professional Technical Sales	1.0
10, 11, 12	Financial Accounting	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
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Prerequisite: 9th – 10th grade

One Semester Block

- **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
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One Semester Block

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

ENTREPRENEURSHIP	1.00 Credit
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One Semester Block

- 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)

PROFESSIONAL TECHNICAL SALES	1.00 Credit
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One Semester Block

- Create, execute and evaluate promotional strategies and content to advertising, sales promotion, publicity/public relations, and professional selling
- Apply project management techniques to guide and control promotional campaign development and execution
- Incorporate motivation theories, branding techniques and design principles in communications with targeted audiences
- Technology, employability skills, leadership and communications will be incorporated in classroom activities

FINANCIAL ACCOUNTING	1.00 Credit
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One Semester Block

- Track, record, summarize, and report business financial transactions
- Develop financial documents
- Project future income and expenses
- Evaluate a company's financial performance

2024-2025 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 at the bottom of the page for more details.

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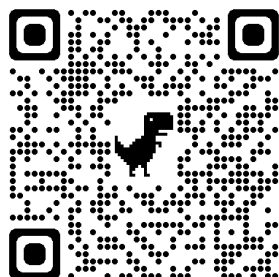
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