

Course Additions & Changes for 2024-2025

AP PRECALCULUS

This course is designed to be the equivalent of a first semester college precalculus course and prepares students for future college level math and science classes. Topics focus on the field of functions that model dynamic phenomena, including polynomial, rational, exponential, logarithmic, trigonometric, and polar functions. Students will study these functions through graphical, numerical, analytical, and verbal representations while demonstrating clear communication using the mathematical practices of procedural and symbolic fluency. It is recommended that students earn a minimum of 3.0 in Algebra II. This course is designed for students ready for the rigor and workload of an AP class but would like to further develop their algebraic skills before taking calculus or beyond. This course may qualify students for college credit upon successful completion of the College Board's Advanced Placement test given in May (at a cost to the student).

Prerequisite: Algebra II

Grades: 11-12

Course Length: Yearlong

CADET TEACHING 2

This program focuses on more advanced theory and practice of learning and teaching. It builds off the cadet teaching 1 class and includes instruction in different platforms of teaching, special education differentiation and modifications, and lesson planning. Program will include cadet teacher placement in PreK-6 classrooms with a mentor.

Prerequisite: Cadet Teaching 1

Grades: 12

Course Length: Yearlong, 2 Hour Block

COURSE NAME CHANGES

<u>Old Course Title</u>	<u>New Course Title</u>
Real Estate & Insurance Licensing Prep	Real Estate Licensing Prep
AP Language & Composition	AP English Language & Composition
Pre-Calculus A & B	Analysis & Functions A & B
Cadet Teaching	Cadet Teaching 1

Additional Course Options

BLENDDED COURSES

The majority of the course is in an online format, with face-to-face support and instruction from a Hartland High School teacher. You must have your own reliable transportation because they're offered 1st or 7th hour. Course offerings vary depending on interest but the possibilities include English 11, English 12, and American Government. Talk to your counselor if you're interested in taking a Blended course.

Prerequisite: Teacher and Parent Approval

Grades: 11-12

UNIVERSITY OF MICHIGAN – FLINT DUAL ENROLLMENT EDUCATIONAL PARTNERSHIP (DEEP)

DEEP allows motivated students to earn college credit by taking accredited courses taught by UM-Flint faculty on-site at Hartland Schools' facilities. If you are interested in DEEP, the application is available on our website as well as in the Counseling Office.

Business/Economics
Medical Sciences

General Studies
Pre-Engineering

Prerequisite: Varies by program

Grade: 12

CAREER & TECHNICAL ED (CTE) OPTIONS

Shared Time Programs

- Agricultural Science (Zoology/Botany)
- Aviation (Private Pilot Ground School)
- Construction Trades
- Cosmetology
- Culinary Arts & Hospitality I & II
- Cyber Security & Computer Networking (Hartland)
- Early Childhood Education I & II
- Emergency Medical Technician Training (EMT)
- Industrial Robotics I & II
- Firefighter I & II
- Graphic Communications I & II
- Health Occupations
- JROTC
- Manufacturing Engineering Technology I & II
- Advanced Welding

Prerequisite: Varies by program

Grades: 11-12

These programs require an additional application. Some programs fill up, but students will know before the end of the school year if they got in. Listen to the announcements for more information and speak with your counselor if you have questions.

Livingston County Early College

- Automotive (Associate options)
- Business Management (Associate)
- Career Ladder Nursing (fast track to RN or Medical Assistant)
- College Foundation (Michigan Transfer Agreement/General Education credits)
- Cyber Security (Associate)
- Mechatronics/Robotics (Associate)
- Welding (Certificate)

Prerequisite: Varies by program

Grades: Begin program in 11th grade

Students have an opportunity to earn their high school diploma while simultaneously completing a college certificate, associate, and/or industry credential. In order to complete the coursework required for this program, students will commit to a fifth year of high school. Students apply for admission in grade 10. Students will take a combination of high school and college courses during grades 11 and 12. By the time they reach the fifth year of high school, they will be a full-time college student, and, in most situations, all of their coursework will be completed on-site at the college campus or tech facility.