

# CHIPPEWA VALLEY SCHOOLS

## Career and Technical Education



# AUTOMOTIVE TECHNOLOGY

Chippewa Valley's Automotive Technology program is an ASE (Automotive Service Excellence Education Foundation) accredited program. This includes state of the art technology and equipment embedded in a hands-on learning environment. Students are encouraged to attain automobile certification through ASE and the State of Michigan.

### Examples of Careers:

- Auto Service Technician
- Auto Body Repair Technician
- Auto Engineer
- Auto Parts Associate
- Auto Sales Manager
- Collision Repair Technician
- Custom Car Builder
- Diesel Mechanic
- Marine Service Technology
- Motorcycle Mechanic
- NASCAR Pit Crew
- Small Business Entrepreneur
- Tow Truck Driver
- Transportation Logistics
- Vehicle Inspector

### Examples of Degrees, Certificates and/or Certifications

- Associate of Applied Science
  - Automotive Technology
- Bachelor of Business Administration
- Bachelor of Science in Engineering
  - Automotive Engineering Technology
  - Automotive Management
  - Heavy Equipment Technology
  - Electrical Engineering Technology
  - Mechanical Engineering Technology



### AUTOMOTIVE TECHNOLOGY CLASS – AUTO SKILLS CLUB

Students are encouraged to join the Automotive Skills Club where they can further their automotive knowledge and fun. Students have opportunity to get involved with vehicle restoration and hot rod building as well as learning additional transferable skills. The club is a SkillsUSA affiliated club.



### Classes can meet the following graduation requirements:

Visual and Performing Arts Credit

World Language Credit

Senior Math-Related Credit

### Articulation — Earn College Credits

Students successfully completing the CTE State-approved program may be eligible for tuition free credit.

### NATEF Certified Instructor:

Mr. Joseph Hart

[jhart@cvs.k12.mi.us](mailto:jhart@cvs.k12.mi.us)

586.723.2564

### Assistant:

Mr. Allan Hoover

[ahoover@cvs.k12.mi.us](mailto:ahoover@cvs.k12.mi.us)



**NOTICE OF NONDISCRIMINATION** It is the policy of Chippewa Valley Schools not to discriminate on the basis of race, color, religion, national origin or ancestry, gender, age, disability, height, weight or marital status in its programs, services, activities, or employment. Inquiries related to nondiscrimination policies should be directed to: Civil Rights Coordinator, Assistant Superintendent of Human Resources, Chippewa Valley Schools Administration, 19120 Cass Avenue, Clinton Township, MI 48038 Phone: 586-723-2090 / Nondiscrimination inquiries related to disability should be directed to: Section 504 Coordinator, Director of Special Services, (same address) Phone: 586-723-2180

## EXAMPLES OF CAREERS:

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# AUTOMOTIVE TECHNOLOGY



## ASE CERTIFIED INSTRUCTOR:

Mr. Joseph Hart

[jhart@cvs.k12.mi.us](mailto:jhart@cvs.k12.mi.us)

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## ASSISTANT:

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DON'T JUST CHOOSE A CLASS ~ CHOOSE A CAREER

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### CLASSES CAN MEET THE FOLLOWING GRADUATION REQUIREMENTS:

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  - World Language Credit
  - Senior Math-Related Credit
- Articulation — Earn College Credits

Students successfully completing CTE state approved classes, may be eligible for tuition free credit.

### 9001/9002 AUTOMOTIVE TECHNOLOGY 1A/1B

Grades 10–12

**Prerequisite: None.**

This course is designed for students with mechanical ability and a genuine interest in pursuing a career in one of the many automotive-related fields. It is the first year of a two-year Automotive Certification program, which offers instruction in the basic theory and service methods used in the automotive field. Scheduling preference will be given to sophomores and juniors who have the option to complete the two-year program. ***Scheduling preference will be given to sophomores and juniors who have the option to complete the two-year program.***

2 hour

1.0/1.0 credit

### 9011/9012 AUTOMOTIVE TECHNOLOGY 2A/2B

Grades 11–12

**Prerequisite: Automotive Technology 1A/1B and teacher recommendation.**

This Automotive Certification course is designed to reinforce and build upon skills and knowledge attained in the Automotive Technology 1A/1B. A greater emphasis is placed on methods of repair and service procedures. During the year the students will work in groups and practice many diagnostic and repair procedures. ***This course has been approved to meet the MMC senior year math-related credit requirement.***

2 hour

1.0/1.0 credit

### 9013/9014 AUTOMOTIVE TECHNOLOGY 3A/3B BC

Grade 12

**Prerequisite: Automotive Technology 2A/2B and teacher recommendation.**

This advanced course will have an emphasis on project-based learning. Primary learning units will be Advanced Electrical, Drivability (Engine Performance), Mechanical Unit Repair, Major and Minor Vehicle Diagnosis, Service, and Repair. ***This course has been approved to meet the MMC senior year math-related credit requirement.***

2 hour

1.0/1.0 credit

### 9021/9022 AUTOMOTIVE TECHNOLOGY INTERNSHIP 1/2

2 hour

### 9023/9024 AUTOMOTIVE TECHNOLOGY INTERNSHIP 1A/1B

1 hour

Grade 12

**Prerequisite: Automotive Technology 1A/1B and concurrently enrolled in Automotive Technology 2A/2B or 3A BC/3B BC.** Available to Juniors and Seniors, this course may be taken for one or two hours.

An Individual Educational Training Plan and Training Agreement are developed for each student-trainee detailing his/her specific learning activities. ***Note: A student who chooses the Internship course for either one or two hours is expected to meet 200 hours of work per semester and provide their own transportation.***

1.0/1.0 or 0.5/0.5 credit

***Note: These CTE courses may fulfill the one credit of Visual, Performing, Applied Arts (VPAA) graduation requirement. (Two .5 or one 1.00 CTE courses are required for the successful completion to meet this requirement.) Students who successfully complete this CTE program may be eligible to earn articulated college credits. For details about participating colleges, specific agreements, and requirements,***