



Get started on an
in-demand career.

GENERAL MOTORS AUTOMOTIVE SERVICE EDUCATIONAL PROGRAM (ASEP)

Associate of Applied Science

JOB OPPORTUNITIES FOR GRADUATES

Employment of automotive service technicians and mechanics is projected to grow 9 percent from 2012 to 2022, about as fast as the average for all occupations.

As the number of vehicles in use continues to rise, more entry-level service technicians will be needed to do basic maintenance and repair, such as replacing brake pads and changing oil. The increasing lifespan of late-model cars and light trucks will further increase demand for qualified workers.

With some employers reporting difficulty finding workers with the right skills and education, job opportunities for qualified applicants should be very good. Jobseekers who have completed formal postsecondary training programs—especially candidates with training in advanced automotive technology, such as hybrid fuel or computer systems—should enjoy the best job prospects. Those without formal automotive training are likely to face strong competition for entry-level jobs.

SALARY

The median annual wage for automotive service technicians and mechanics was \$36,610 in May 2012. The median wage is the wage at which half the workers in an occupation earned more than that amount and half earned less. The lowest 10 percent earned less than \$20,810, and the top 10 percent earned more than \$60,070

ACCREDITATION

The Owens General Motors ASEP Program is NATEF (National Automotive Technicians Education Foundation) certified.



NATEF examines the structure, resources and quality of training programs and evaluates them against standards established by the industry. These standards reflect the skills that students must master to be successful in the industry

LOCATION

Toledo-area Campus

DEPARTMENTAL HIGHLIGHTS

- A strategic alliance between GM , GM Dealers and 66 selected colleges and universities
- Two year Associates Degree Program-Advanced automotive technical training is combined with strong academic foundation in math, electronics and analytical skills
- Internship program - students alternate between working at a GM dealer and going to college in 8-12 week intervals
- Earn while you learn-While at the dealership or shop, students receive an hourly wage, and are assigned to an experienced technician who guides and supervises their training

For more information, visit www.owens.edu or call:

Office of Admissions

Toledo-area Campus - (567) 661-7777
Findlay-area Campus - (567) 429-3509

Transportation Technologies

(567) 661-7388



OWENS
COMMUNITY COLLEGE

Program Curriculum

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REQUIRED COURSES

High school and adult career-technical students who successfully complete specified technical programs are eligible to have technical credit transfer. For more information on career-technical course work that students can complete for transfer, visit The University System of Ohio Board of Regents, Career-Technical Credit Transfer (CT)2 website or contact your advisor.

1ST SEMESTER

| | | |
|---------|--------------------------------|--|
| AUT 110 | Automotive Service Fundamental | Credits: 2(Lec: 1 Lab: 3) |
| AUT 113 | Automotive Brakes | Credits: 3(Lec: 1 Lab: 6) |
| AUT 130 | Vehicle Electric & Electronics | Credits: 3(Lec: 2 Lab: 3) |
| AUT 291 | Automotive Field Experience | Credits: 1 to 3(Lec: 1 to 3 Oth: 3 to 9) |
| IST 100 | Fundamentals of Computing | Credits: 1(Lec: 1) |
| STM 105 | Technology in Society | Credits: 2(Lec: 2) |

2ND SEMESTER

| | | |
|---------|--------------------------------|--|
| AUT 114 | Anti-Lock Brake System | Credits: 2(Lec: 1.50 Lab: 1.50) |
| AUT 133 | Automotive Electrical Systems | Credits: 3(Lec: 2 Lab: 3) |
| AUT 141 | Automotive Engine Fundamentals | Credits: 3(Lec: 2 Lab: 3) |
| AUT 212 | Air Conditioning | Credits: 2(Lec: 1.50 Lab: 1.50) |
| AUT 291 | Automotive Field Experience | Credits: 1 to 3(Lec: 1 to 3 Oth: 3 to 9) |
| MTH 143 | Applied Industrial Mathematics | Credits: 3(Lec: 3) |

3RD SEMESTER

| | | |
|---------|------------------------------|---------------------------|
| AUT 248 | Engine Perform & Drivability | Credits: 8(Lec: 6 Lab: 6) |
|---------|------------------------------|---------------------------|

4TH SEMESTER

| | | |
|---------|-------------------------------|--|
| AUT 214 | Wheel Alignment & Suspensions | Credits: 3(Lec: 1 Lab: 6) |
| AUT 232 | Vehicle Accessory Systems | Credits: 2(Lec: 1.50 Lab: 1.50) |
| AUT 291 | Automotive Field Experience | Credits: 1 to 3(Lec: 1 to 3 Oth: 3 to 9) |
| PHY 143 | Applied Industrial Physics | Credits: 3(Lec: 3) |
| SPE 101 | Public Speaking | Credits: 3(Lec: 3) |

5TH SEMESTER

| | | |
|---------|--------------------------------|--|
| AUT 111 | Standard Transmission | Credits: 2(Lec: 1 Lab: 3) |
| AUT 213 | Fund of Automatic Transmission | Credits: 2(Lec: 1 Lab: 3) |
| AUT 291 | Automotive Field Experience | Credits: 1 to 3(Lec: 1 to 3 Oth: 3 to 9) |
| AUT 215 | Auto Trans Diagnosis | Credits: 2(Lec: 1 Lab: 3) |
| AUT 249 | Hybrid Elect & Fuel Cell Veh | Credits: 2(Lec: 1.50 Lab: 1.50) |
| ENG 111 | Composition I* | Credits: 3(Lec: 3) |
| PSY 111 | Indust/Organization Psych | Credits: 3(Lec: 3) |

*Ohio Transfer Module Course

More information about the Ohio Transfer Module Course can be found at www.ohiohighered.org/transfer/transfermodule

STUDENT TESTIMONIALS

"It has given me the opportunity to work and learn about the most up-to-date and most advanced vehicles today." EB

"GM ASEP is awesome - it changed my life." MC

"Great program for anyone who wants to learn about automobiles and teamwork." JC

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