



REV UP YOUR CAREER IN AUTOMOTIVE SERVICE TECHNOLOGY

Start your journey with Eastern Iowa Community Colleges'

Automotive Service Technology Academy

AUTOMOTIVE TECH IS...

- ▶ Diagnosing and problem solving
- ▶ Hands-on work
- ▶ Project management
- ▶ Serving the community

AUTOMOTIVE TECH PROVIDES...

- ▶ Competitive pay
- ▶ Job stability
- ▶ Variety in day-to-day work
- ▶ Career progression

CAREERS IN AUTOMOTIVE TECH

Automotive Technician

Responsible for carrying out routine maintenance, diagnostic testing, and mechanical repairs. They primarily work on motorized components including engines, drive belts, power-steering, brakes, and transmissions.

Automotive Engineering Technician

Assist engineers in determining the practicality of proposed product design changes, and plan and carry out tests on experimental test devices or equipment for performance, durability, or efficiency.

Automotive Specialty Technician

Repair only one system or component on a vehicle, such as brakes, suspension, or radiator.

Auto Body Repair Technician

Responsible for safely and efficiently fixing car frames, suspensions, dents, windows, and the wheel alignment after a vehicle has been damaged.

Collision Estimator

Identify required repair work and compute cost of replacement parts and labor to restore a vehicle to its pre-accident condition using electronic estimating software.

Diesel Service Technician

Inspect and repair any device with a diesel engine. Other responsibilities include changing oil, checking batteries, and lubricating parts, as well as inspecting brake systems, transmission, and engines.

Parts Professional

Use electronic catalogs to identify, source, sell, and deliver the correct part needed for the job.

Paint Technician

Perform partial and complete refinishing of vehicles, applying the latest two-stage and three-stage paint technology.

Updated 11/22

It is the policy of Eastern Iowa Community College District not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental or marital status, as required by the Iowa Code §§216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C. §§ 1681-1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.). If you have questions or complaints related to compliance with this policy, please contact EICC's Equal Employment Opportunity Officer/Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-5222, equity@eicc.edu or the Director of the Office for Civil Rights U.S. Department of Education, John C. Kluczynski Federal Building, 230 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, Telephone: (312) 730-1560 Facsimile: (312) 730- 1576, TDD (800) 877-8339 Email: OCR.Chicago@ed.gov.



You deserve
MORE

Certificate, Diploma, and Associate in Applied Science Degree Automotive Technology Academy

DURING HIGH SCHOOL

All courses taken at the college

TERM 1: Fall, senior year of high school, 8 credits

- AUT:115 Automotive Shop Safety, 1 credit
- AUT:606 Basic Automotive Electricity/Electronics, 3 credits
- AUT:524 Auto Brake Systems and Service, 4 credits

TERM 2: Spring, senior year of high school, 7 credits

- AUT:614 Automotive Electrical 1, 3 credits
- AUT:404 Automotive Suspension and Steering, 4 credits

AWARD: AUTOMOTIVE TECHNOLOGY CERTIFICATE (15 CREDITS)

AFTER HIGH SCHOOL

TERM 3: Summer, 4 credits

- AUT:704 Automotive Heating and Air Conditioning, 4 credits

TERM 4: Fall, 17 credits

- AUT:232 Automotive Transmissions I, 3 credits
- AUT:802 Engine Performance I, 3 credits
- AUT:164 Automotive Engine Repair, 4 credits
- AUT:304 Automotive Manual Drive Train and Axles, 4 credits
- COM:102 Communication Skills **OR** ENG:105 Composition I, 3 credits

AWARD: AUTOMOTIVE TECHNOLOGY DIPLOMA (36 CREDITS)

AFTER HIGH SCHOOL

TERM 5: Spring, 16 credits

- AUT:233 Automotive Transmissions II, 3 credits
- AUT:656 Automotive Electrical II, 4 credits
- AUT:811 Engine Performance II, 4 credits
- HUM:105 Working in America **OR** HUM:110 Changes and Choices, 3 credits
- WEL:331 Welding Fundamentals, 2 credits

TERM 6: Fall, 16 credits

- AUT:913 Technical Internship, 4 credits
- AUT:817 Automotive Engine Performance III, 3 credits
- BCA:188 Computer Fund for Techs, 3 credits
- MAT:104 Applied Math Topics **OR** MAT:110 Math for Liberal Arts, 3 credits
- PSY:213 Industrial & Organizational Psych, 3 credits

AWARD: AUTOMOTIVE TECHNOLOGY AAS (68 CREDITS)

The Automotive Technology Program has attained master certification in Automotive Service Excellence (ASE). Graduates from the AAS program are prepared to pass certification exams in all of the following eight areas: Engine Repair, Manual Drive Train & Axles, Brakes, Heating & Air Conditioning, Automatic Transmission/Transaxle, Suspension & Steering, Electrical/Electronic Systems, and Engine Performance.



For details, scan here or visit
ecc.edu/autoacademy



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