



# Automotive Service Technology

## PROGRAM DESCRIPTION

The Automotive Service Technology Program has been evaluated by the National Automotive Technicians Education Foundation (NATEF) and is a Master Auto Service Technology (MAST) accredited program.

We offer two training options:

- Basic Automotive Service Certificate
- Automotive Service Technician Diploma

The program structure consists of classroom lecture, lab and shop work. An emphasis is placed on the development of quality work habits and ethics. Students perform various automotive repairs according to the program task list.

As students progress through the program, they are encouraged to take the National Institute for Automotive Service Excellence (ASE) certification tests in the following areas: engine repair, automatic trans/transaxle, manual drive train and axles, suspension and steering, brakes, electrical/electronic systems, heating and air conditioning, and engine performance.

## PROGRAM GOALS

The Automotive Service Technology program goals are to develop professional and employable automotive technicians by:

- Providing training that meets employers' needs.
- Providing training necessary to develop job entry skills.
- Developing a professional attitude and appearance.
- Developing quality work habits and ethical practices.
- Developing critical thinking and diagnostic skills.
- Repairing vehicles to industry standards.
- Encouraging students to become ASE certified.
- Developing knowledge of safety in the workplace.
- Provide knowledge of hazardous materials and environmental issues.



## CURRICULUM AT-A-GLANCE

### Major Courses:

- Automotive Engines
- Engine Diagnosis
- Emission Control
- Automotive Brakes
- Four-Wheel Alignment
- Standard Drive Train
- Automatic Transmission
- Automotive Service
- Engine Performance
- Maintenance
- Air Conditioning
- Body Electrical Systems
- Workplace Safety
- Electronic Fuel Injection
- Cooling System Service
- Computerized Engine Control
- Starting and Charging Systems
- Supplemental Computer Systems
- Welding
- New Automotive Technology

## PROGRAM OPTIONS

### Program and Completion Time:

Basic Automotive Service - Certificate

- Completion Time: 2 semesters (1 year)

Automotive Service Technician - Diploma

- Completion Time: 4 semesters and 1 SS (2 years)

\* Based on students taking 15-16 credits per semester  
SS = Summer Session

## ADMISSION REQUIREMENTS

### Academic Skills Assessment

Students are required to complete a program application and meet the assessment requirements and conditions as stated in the application. Assessment will be conducted in the following areas; reading comprehension, math, and written English. All developmental course work must be satisfactorily completed before entering the AST program.

### Financial Aid

Financial Aid is available to those who are eligible. You should apply for financial aid early, as it can take 6-8 weeks to be processed. Please contact the Financial Aid Office for more information and a free financial aid application.

### Placement Services

Instructors and advisory committee members from the industry provide placement assistance. A student career representative is also available on campus.

### Costs

Tuition at Century College is \$180.59 per credit hour for a Minnesota resident. For a full-time student enrolling in 15 credits, tuition would be \$2,889.44 per semester. Fees, charges and policies are as of the publication date and subject to change.

### Scholarships

There are numerous opportunities to apply for scholarships. Two of these scholarships are exclusive to Century College automotive students:

- William W. Buerkle Memorial Scholarship
- Thorsen Auto Service Scholarship

### Supplies

In addition to tuition costs, AST students are required to purchase hand tools and a roller cabinet. Prices range from \$1,500 to \$3,000, depending on brand.

### Books

The book cost for the entire program is approximately \$225.

*Costs are subject to change. For additional information visit our website at [century.edu](http://century.edu). Click on Academics, select Programs & Degrees, then select Automotive Service Technology.*