

taken each semester in order for a student to complete a program in the amount of time listed under "Program Options."

Supplies: In addition to tuition costs, AST students are required to purchase hand tools and a roller cabinet. Prices range from \$1,200 to \$2,200 depending on brand.

Books: The book cost for the entire program is approximately \$150.00.

Costs are subject to change.
For additional information visit our website at www.century.edu. Click on program, then select Automotive Services Technology.

Employment Potential

Data provided by the Minnesota Department of Employment and Economic Development states that the automotive occupations are expecting to grow about 17% in Minnesota between 2000 and 2010. This corresponds to about 2400 jobs.

Instructional Staff

Technical Qualifications

Tim Micko 651-773-1783

AAS Degree - Century College
Teaching experience - 11 years
Trade experience - 7 years
ASE* master certified technician

Bob Olson 651-779-3429

Diploma - Northeast Metro Technical College
Teaching experience - 21 years
Trade experience - 10 years
ASE* master certified technician
ASE* certified Advanced Engine Performance

Tom Chall 651-773-1782

Bachelor of Science Degree - Stout State University
Teaching experience - 35 years
Trade experience - 5 years
ASE* master certified technician



Bob Olson, Tom Chall, and Tim Micko

Important Telephone Numbers

Admissions Office..... 651-773-1700
Counseling Office..... 651-779-3285
Financial Aid Office. 651-779-3305

* What is ASE?

The National Institute for Automotive Service Excellence (ASE) is a nationally recognized organization. The mission of ASE is to improve the quality of automotive service and repair through the voluntary testing and certification of automotive technicians.

Information in this brochure is also available in an alternate format in compliance with ADA requirements. Phone 651-779-3354 or 651-773-1715 TTY for information.



CenturyCollege

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Century College is an equal opportunity institution and a member of the Minnesota State Colleges and Universities system.

Automotive Service Technology



CenturyCollege

Automotive Service Technology

Mission Statement

The Automotive Service Technology program provides quality, up-to-date training and opportunities for individuals to excel in the automotive industry.

Program Description

The Automotive Service Technology Program has been evaluated by the National Automotive Technicians Education Foundation (NATEF) and is certified by the National Institute for Automotive Service Excellence (ASE).

There are three training options:

- Basic Automotive Service Certificate
- Automotive Service Technician Diploma
- Automotive Service Technology AAS Degree

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 Transmissions
- Automotive Service
- Engine Performance Maintenance
- Air Conditioning
- Body Electrical Systems
- Electronic Fuel Injection
- Worker Right To Know
- Cooling System Service
- Communications
- Computerized Engine Control
- Starting and Charging Systems
- Supplemental Computer Systems
- Welding

General Education Courses

For the AAS degree, students select a minimum of 20 credits from the following areas:

- Behavioral Science
- English
- Humanities
- Mathematics/Science
- Physical Ed/Health
- Social Science
- Introduction to Business
- Introduction to Computers

Program Options

Program and Completion Time:

Basic Automotive Service - Certificate

- Completion Time: 2 semesters (1 year)

Automotive Service Technician - Diploma

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

Automotive Service Technology - AAS Degree

- Completion Time: 6 semesters (3 years)

- Based on a student taking 15 or 16 credits per semester.
SS = Summer session

Admission Requirements

Academic Skills Assessment

All 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 remedial course work must be satisfactorily complete 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 \$141.46 per credit hour for a Minnesota resident. For a full-time student enrolling in 15 credits tuition would be \$2121.90 per semester. Fees, charges and policies are as of the publication date and subject to change.

Students are not required to enroll in 15 credits. However, 15 credits are approximately what need to be