

# Auto Service Technology



## Description

Careers relating to the automotive service industry are the focus of these career pathways that were once called "auto mechanics." The course of study allows advanced students to participate in work-site learning to gain additional work experience. Instruction is meaningful, flexible, and adaptable to the needs of the industry, allowing students to enter the job market with broad transferable skills. The hands-on practice of working on projects adds to each student's experience in this rapidly advancing field of automotive technology. The training program is aligned with the updated 2013 NATEF standards.

## Application

Applicants must complete a Southern Tech Application for Admission. Additional information and applications are available at the Southern Tech campus and online at [www.sotech.edu](http://www.sotech.edu). Enrollment for this career major is open to partnering High Schools (juniors/seniors) and Adults.

## Tuition

High School Student: Free. Adult Student (in-district): \$3.00 per hour; Adult Student (Out-of-District): \$6 per hour; and Adult Student (Out-of-State): \$9 per hour. Additional costs may include books, supplies, and miscellaneous fees.

## Financial Aid and Scholarships

Financial aid and scholarships are available for qualifying students.

## Program Details

Auto Service Technology Fundamentals	
Introduction to Auto Service	45
Brakes Core	90
Electrical/Electronics Core	125
Steering/Suspension Core	90
Engine Repair Introduction	25
Engine Performance Introduction	45

HVAC Core	45
Auto Transmission Introduction	15
Manual Drivetrains Introduction	15
Workforce Staging	30
<b>Total Hours</b>	<b>525</b>
<i>Estimated time to complete (Half Time)</i>	<i>1 year</i>
Auto Service Technology Advanced	
Introduction to Auto Service	45
Brakes Core	90
Electrical/Electronics Core	125
Steering/Suspension Core	90
Engine Repair Introduction	25
Engine Performance Introduction	45
HVAC Core	45
Auto Transmission Introduction	15
Manual Drivetrains Introduction	15
Workforce Staging	30
Brakes Advanced	45
Steering/Suspension Advanced	45
Electrical/Electronics Advanced	105
Engine Performance Advanced	210
Engine Repair Core	30
Auto Transmission Core	45
Manual Drivetrains Core	45
<b>Total Hours</b>	<b>1050</b>
<i>Estimated time to complete (Full Time)</i>	<i>1 year</i>
<i>Estimated time to complete (Half Time)</i>	<i>2 years</i>

## Certifications and/or Credentials

(AST: All ASE Student) AST: Automatic Transmission/Transaxle, AST: Brakes, AST: Electrical & Electronics, AST: Engine Performance, AST: Maintenance and Light Repair, AST: Manual Drive Train & Axles, AST: Suspension & Steering, Brakes Technician **Certifications may vary by Program and are subject to change without notice.**

**Student Organization:** SkillsUSA

**Schedule:** Adults (Half Time) 8:00-11:00 AM or 12:30-3:30 PM; Adults (Full Time) 8:00-11:00 AM and 12:30-3:30 PM; High School Students 8:15-11:00 AM or 12:45-3:30 PM (students are encouraged to attend 8:00-8:15 AM or 12:30-12:45 PM for curriculum enrichment).

## Employment Options:

Auto Technician, Automobile Technician, Automotive Service Technician, Automotive Technician, Master Automotive Technician, Master Technician, Mechanic, Shop Foreman, Truck Technician – Approximate Pay Potential: \$8-30/Hour.