

## AUTOMOTIVE TECHNOLOGY PROGRAM

Technology Building  
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<http://dixie.edu/technology/>

### School of Science & Technology

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### Program Description

The Automotive Technology program at Dixie State College provides students with the opportunity to increase their automotive mechanics skills for personal enrichment or in order to pursue a career. Career path courses are taught to the National Institute for Automotive Service Excellence (ASE) standards to prepare students for certification tests.

### Accreditation

The Automotive Technology program is accredited by the National Automotive Technicians Education Foundation (NATEF), the education arm of the National Institute for Automotive Service Excellence. The National Automotive Technician Education Foundation can be contacted at:

NATEF  
101 Blue Seal Drive, Suite 101  
Leesburg VA 20175  
(703) 669-6650  
<http://www.natef.org>

### Course Prefixes

- [AUTO](#)

### Degrees & Certificates

- Associate of Applied Science in Automotive Mechanics
- Automotive Mechanics Certificate

## Associate of Applied Science in Automotive Mechanics

63 credits

### General Education Requirements

Complete the following:

ENGL 1010	Intro to Writing	3
LIB 1010	Information Literacy	1

### General Requirements

Complete the following:

BUS 1060	Pre-Employment Seminar	1
BUS 1370	Human Relations	3
CIS 1200	Computer Literacy	3

### Program Requirements

Complete **one** of the following:

MATH 1010	Intermediate Algebra	4
	<b>OR</b> higher MATH course	3-5

### Recommended Prerequisite

Complete the following:

AUTO 1100	Automotive Fundamentals / Lab	3.5
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### Discipline Core Requirements

Complete the following:

AUTO 1120	Suspension & Steering	3
AUTO 1125	Suspension & Steering Lab	3
AUTO 1130	Brakes	3
AUTO 1135	Brakes Lab	3
AUTO 1320	Engine Repair	3
AUTO 1325	Engine Repair Lab	3
AUTO 1430	Manual Drive Trains	3
AUTO 1435	Manual Drive Trains Lab	3
AUTO 1440	Automatic Transmissions	3
AUTO 1445	Automatic Transmissions Lab	3
AUTO 2100	Automotive Electrical Systems	3
AUTO 2105	Automotive Electrical Systems Lab	3
AUTO 2220	Engine Performance I	3
AUTO 2225	Engine Performance I Lab	3
AUTO 2330	Auto A/C & Heating	3
AUTO 2335	Auto A/C & Heating Lab	3

### Recommended (not required)

Complete the following:

## AUTOMOTIVE

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AUTO 2530	Engine Perf. II & Alt Fuels	3
AUTO 2535	Engine Perf. II & Alt Fuels Lab	3

### Graduation Requirements

1. Complete a minimum of 63 college-level credits (1000 and above).
2. Complete at least 20 lower-division credits at DSC for institutional residency.
3. Cumulative GPA 2.0 or higher.
4. Grade C or higher in each Discipline Core Requirement course.

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## Automotive Mechanics Certificate

24 credits

### Recommended Prerequisite

Complete the following:

AUTO 1100	Automotive Fundamentals	3.5
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### Discipline Core Requirements

Complete **four** (4) of the following sets of courses:

AUTO 1120/25	Suspension & Steering	3/3
AUTO 1130/35	Brakes	3/3
AUTO 1320/25	Engine Repair	3/3
AUTO 1430/35	Manual Transmissions /Drive Trains	3/3
AUTO 1440/45	Automatic Transmissions	3/3
AUTO 2100/05	Auto Electrical Systems	3/3
AUTO 2220/25	Engine Performance I	3/3
AUTO 2330/35	Electron/Heat/Air Cond.	3/3

**NOTE:** Courses prepare students for ASE Certification tests.

### Completion Requirements

1. Complete a minimum of 24 college-level credits (1000 and above).
2. Grade C or higher in each Discipline Core Requirement course.