

Automotive Systems Technology

Automotive Systems Technology Diploma (D60160)

This diploma is also available for students enrolled in Career & College Promise.

Diploma Awarded

A diploma in Automotive Systems Technology is awarded by the College upon completion of this program.

Admissions

- Completion of a high school diploma or equivalent is required as the foundation of a career in this area.
- Many courses have prerequisites or co-requisites; check the Courses section for details.

Program Accreditation

This program is Master Certified by the National Automotive Technician Foundation (NATEF) Automotive Service Excellence (A.S.E.).

Note: Students must furnish required hand tools and protective clothing, as well as textbooks. A list of these items can be obtained from an instructor or program chair by contacting the program chair at 704.330.4183.

Contact Information

The Automotive Systems Technology program is in the Transport Systems Technologies Division. For more information, call the program office at 704.330.4122 or the program chair at 704.330.4183.

Choose 42 hours from Major and Related Course Requirements listed below:

General Education Requirements

ENG 101	Applied Communications I	3.0
MAT 110	Mathematical Measurement and Literacy	3.0

Major Requirements

TRN 110	Introduction to Transport Technology	2.0
TRN 120	Basic Transportation Electricity	5.0
TRN 140	Transportation Climate Control	2.0
AUT 141	Suspension & Steering Systems	3.0
AUT 151	Brake Systems	3.0
AUT 181	Engine Performance 1	3.0
TRN 140A	Transportation Climate Control Lab	2.0
TRN 170	PC Skills for Transportation	2.0
AUT 116	Engine Repair	3.0
AUT 116A	Engine Repair Lab	1.0
AUT 151A	Brakes Systems Lab	1.0
AUT 183	Engine Performance 2	4.0
AUT 221	Automatic Transmissions/Transaxles	3.0
AUT 231	Manual Transmissions/Transaxles/Drive Trains	3.0

Technical Electives

Select 1 credit of the following:	1.0
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AUT 113	Automotive Servicing I
WBL 112	Work-Based Learning I
WBL 122	Work-Based Learning II
AUT 213	Automotive Servicing 2
AUT 141A	Suspension & Steering Lab
TRN 120A	Basic Transportation Electrical Lab

Total Credits

44