AUTOMOTIVE TECHNOLOGY, A.A.S.

Location(s): AL, MA
NOVA Code: 9090

Purpose

This curriculum is designed to train technicians for the automotive field. Students completing this program will be ready for full-time employment as automotive technicians. Job opportunities include line technician, new car make-ready, and customer service representative.

Credit for Prior Learning

Students in this program may be eligible for credit for prior learning. See an academic advisor or counselor for further information.

Transfer Information

Transfer is not the primary purpose of an A.A.S. program, but NOVA has articulation agreements that facilitate the transfer of this and other career-oriented programs to selected senior institutions. Students interested in transfer should contact a counselor or their academic advisor early in their program.

Two Years

Course	Title	Credits
1st Semester		
AUT 111	Automotive Engines I	4
AUT 241	Automotive Electricity I	4
Select one of the following:		2
AUT 100	Intro. to Automotive Shop Practices	
AUT 197	Cooperative Education [1]	
ENG 111 or ENG 115	College Composition I or Technical Writing	3
SDV 100 or SDV 101	College Success Skills or Orientation to:	1
	Credits	**14**
2nd Semester		
AUT 242	Automotive Electricity II	4
AUT 265	Automotive Braking Systems	4
AUT 266	Auto Alignment, Suspension & Steering	4
Select one of the following:		3-4
PHY 100	Elements of Physics (or Higher-level Physics)	
MTH 111	Basic Technical Mathematics (or Higher)	
	Credits	**15-16**
3rd Semester		
AUT 121	Automotive Fuel Systems I	4
AUT 236	Automotive Climate Control	4
	Credits	**8**
4th Semester		
AUT 112	Automotive Engines II	4
AUT 122	Automotive Fuel Systems II	4
AUT 141	Auto Power Trains I	4
Humanities/Fine Arts Elective (https://catalog.nvcc.edu/general-education-electives/#ge_hum_fa_elect)		3
	Credits	**15**
5th Semester		
AUT 142	Auto Power Trains II	4
AUT 245	Automotive Electronics [3]	4
CST 110	Introduction to Human Communication	3
Social/Behavioral Sciences Elective (https://catalog.nvcc.edu/general-education-electives/#ge_soc_beh_sci_elec)		3
	Credits	**14**
	Total Credits	**66-67**

Electives should be chosen with the advice of an academic advisor to meet the requirements of the intended transfer institution.

1 Available to students in cooperative internship programs only.
2 May substitute AUT 233 Hybrid Electric Vehicle Technology.