

Northern Virginia Community College 2009-2010 Catalog

AUTOMOTIVE TECHNOLOGY

Associate of Applied Science Degree

AL, MA

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. The occupational objectives include line technician, new car make-ready, and customer service representative.

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 faculty advisor early in their program.

Two Years		Credits
1st Semester		
AUT	100 Intro to Auto. Shop Practices	2
AUT	111 Automotive Engines I	4
AUT	121 Automotive Fuel Systems I	4
ENG	111 College Composition I or ENG 131 Technical Report Writing I	3
PHY	101 Intro to Physics I or MTH 151 Math for the Liberal Arts or PHY 130 Survey of Applied Physics	3-4
SDV	Elective	<u>1</u>
	Total	17-18
2nd Semester		
AUT	112 Automotive Engines II	4
AUT	122 Automotive Fuel Systems II	4
AUT	241 Automotive Electricity I	4
CST	110 Intro to Communication	3
¹ ____	Social Science Elective	<u>3</u>
	Total	18
3rd Semester		
AUT	236 Automotive Climate Control	<u>4</u>
	Total	4
4th Semester		
AUT	141 Auto Power Trains I	4
AUT	242 Automotive Electricity II	4
AUT	265 Automotive Braking Systems	4
² PED	116 Lifetime Fitness/Wellness	<u>1</u>
	Total	13
5th Semester		
AUT	142 Auto Power Trains II	4
AUT	245 Automotive Electronics	4
AUT	266 Auto. Alignment, Suspension, & Steering	4
³ ____	Humanities/Fine Arts Elective	3
² PED/RPK	Elective	<u>1</u>
	Total	16

Total credits for the A.A.S. Degree in Automotive Technology = 68-69

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AUTOMOTIVE TECHNOLOGY A.A.S.

- ¹ The social science elective may be selected from the social/behavioral sciences courses listed under General Education Electives.
- ² The PED requirement may be met by one of the following options: PED 116, 2 cr.; PED 116, 1 cr. plus a PED activities course, 1 cr.; or PED 116, 1 cr. plus RPK activities course. PED 116 is offered as both a 1-credit and a 2-credit course.
- ³ Humanities/fine arts elective may be selected from the humanities/fine arts courses listed under General Education Electives.