



Program Description:

The Automotive Technology Associate in Science, Liberal Studies degree program prepares students to work in today's highly automated repair shops and provides the background to advance to supervisory or managerial positions in the automotive industry. Students get hands-on training and instruction in automotive repair and maintenance at Minuteman Regional High School in Lexington, where they learn the requisite technical skills. Students take their general education courses at Middlesex to strengthen communications, computer and management competencies. The MCC associate degree credits for the automotive courses are awarded upon receipt of recommendations from Minuteman faculty. (This program is not approved for college financial aid. Please consult the Student Information Center for tuition and fees.) Students may begin their Middlesex coursework at any time. The coursework at Minuteman Regional High School begins in the fall.

Career and Transfer Outlook:

Students who complete this program find work in the local automotive industry as automotive technicians. The general education and business courses will enable graduates to move into management positions or develop their own business.

Helpful Hints:

Automotive classes for first-year students are held on Monday, Wednesday and Friday at Minuteman Regional High School. First-year students should plan on taking Middlesex classes on Tuesday and Thursday, or in the evening. First-year students are encouraged to take English, mathematics, or, if necessary, reading classes in their first semester.

Note: In order for a student to be eligible to participate in an academic, community or clinical program that involves potential unsupervised contact with children, the disabled, or the elderly, the student may be required to undergo a Criminal Offender Record Information (CORI) check and/or a Sex Offender Registry Information (SORI) check. See page 151 for details.

Admission Note:

In order to take automotive classes, students must also apply directly to Minuteman Regional High School. A meeting with the program coordinator at Minuteman should be held as soon as possible.

AUTOMOTIVE TECHNOLOGY • Associate in Science, Liberal Studies

JOINTLY OFFERED BY MIDDLESEX COMMUNITY COLLEGE AND MINUTEMAN REGIONAL HIGH SCHOOL

	✓	COURSE #	COURSE TITLE	CREDITS	PREREQUISITES
Minuteman Courses					
_____			Introduction to Automotive Technology	2	
_____			Automotive Electrical Systems	5	
_____			Automotive Engine Performance	5	
_____			Engine Overhaul and Repair	5	
_____			Automotive Suspension & Steering Systems	3	
_____			Automotive Brake Systems	3	
_____			Manual Drive Train and Axles	3	
_____			Automatic Transmission and Transaxle	2	
_____			Automotive Heating and Air Conditioning	2	
_____			On Board Diagnostics	1	
_____			Oscilloscopes	1	
_____			Enhanced Emissions	1	
_____			S.I.R. Airbags	1	
Middlesex Community College Courses					
_____		BUS 110	Introduction to Business	3	ENG 060 or higher placement
_____		BUS 210	Principles of Management	3	BUS 110 or * and eligible for ENG 101
_____		CAP 101	Microcomputer Applications or		ENG 060 or higher placement and either taking, having successfully completed or tested out of ENG 071 and MAT 070
_____		BUS ____	Business Elective	3	
_____		ENG 101	English Composition I	3	C- in ENG 071 or eligible for ENG 101 and placement above or successful completion of ENG 060
_____		ENG 102	English Composition II: An Introduction to Literature	3	ENG 101
_____			Behavioral Science Elective	3	
_____			Humanities Elective	3	
_____			Mathematics Elective**	3	
_____			Science Elective	3-4	
_____			Social Science Elective	3	
				64-65	

*Permission of instructor
**Must be above MAT 070

Note: Additional coursework may be required based on college placement testing. Students are urged to meet with their academic advisor for proper course sequencing