



# AVIATION MAINTENANCE TECHNOLOGY • Associate in Science, Liberal Studies

JOINTLY OFFERED BY MIDDLESEX COMMUNITY COLLEGE AND WYOTECH

✓	COURSE #	COURSE TITLE	CREDITS	PREREQUISITES
<b>Wyotech Courses</b>				
_____		Principles of Aircraft Maintenance Technology I	2	
_____		Principles of Aircraft Maintenance Technology II	2	
_____		Principles of Aircraft Maintenance Technology III	2	
_____		Airframe I	2	
_____		Airframe II	2	
_____		Airframe III	2	
_____		Airframe IV	2	
_____		Airframe V	2	
_____		Applied Electrical Principles I	2	
_____		Applied Electrical Principles II	2	
_____		Power Plant I	2	
_____		Power Plant II	2	
_____		Power Plant III	2	
_____		Power Plant IV	2	
_____		Power Plant V	2	
<b>Middlesex Community College Courses</b>				
_____	BUS 110	Introduction to Business	3	ENG 060 or higher placement
_____	BUS 210	Principles of Management	3	BUS 110 or permission of instructor and eligible for ENG 101
_____	CAP 101	Microcomputer Applications	3	ENG 060 or higher placement and either taking, having successfully completed or tested out of ENG 071 and MAT 070
_____	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
_____	MAT 080	Algebra II <b>or</b>		MAT 070 or placement by exam
_____	MAT 085	Math Connections	3	MAT 070 or higher placement
_____		Behavioral Science Elective	3	
_____		Humanities Elective	3	
_____		Science Elective	3-4	
_____		Social Science Elective	3	
			<b>60-61</b>	

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

## Program Description:

The Aviation Maintenance Technology Associate in Science, Liberal Studies degree program prepares students for employment with major and commuter airlines, airplane and helicopter engine manufacturers, and many other aviation-related companies. Training provides the background for advancement to supervisory and managerial positions in these industries.

The hands-on aircraft maintenance instruction and training at Wyotech, located at nearby Hanscom Field, is the first component of the program. Students complete the requirements for the Associate in Science degree at MCC. The general education and business courses strengthen communications, computer and management competency. MCC associate degree credits for the aviation maintenance courses are awarded on receipt of an official transcript from Wyotech. Students may begin their MCC coursework at any time.

## Career and Transfer Outlook:

Graduates of the program find work as aviation mechanics for airlines and the aviation industry. Job opportunities exist locally and throughout the world. An associate degree graduate with experience may be more quickly promoted into management or into more responsible positions, such as maintenance controller or field service technician.

## Helpful Hints:

Students should take mathematics and English courses at MCC as soon as possible.

## Admission Note:

Prior to admission, a meeting with the program coordinator at Wyotech is recommended.