



Aviation Maintenance Management Program

OVERVIEW OF THE PROGRAMS

This degree option prepares the graduate for a career as an Aircraft Maintenance Manager. Although Aircraft Maintenance Managers typically begin their careers as Aircraft Maintenance Technicians (AMT), they possess the skills required to transition into entry level supervisory positions as experience and opportunity allow. Aircraft Maintenance Managers are responsible for supervising aircraft maintenance, repair, and overhaul functions with major and regional airline maintenance operations, to include airline major maintenance base operations and airline line maintenance operations; Part 145 overhaul and major maintenance base operations; aircraft, powerplant and component manufacturing operations; corporate aviation operations, armed forces flight operations; and small aircraft general aviation fixed base maintenance operations. Graduates earn an Associate of Applied Science degree in Aviation Maintenance Technology, an FAA Airframe and Powerplant certification, and a Bachelor of Science in Aviation Maintenance Management.

EMPLOYMENT OPPORTUNITIES

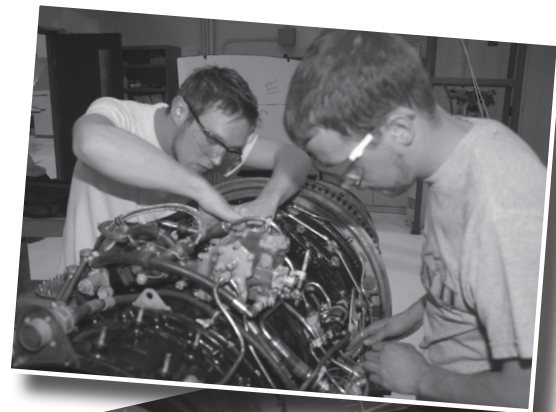
Major airlines (United, US Airways, Delta Airlines, etc.), general aviation fixed base aircraft maintenance operations (FBO), aircraft manufacturers (Cessna, Piper, Boeing, Bombardier, etc.), corporate aviation (Lowe's, Mylan Labs, etc.); Federal Aviation Administration; US armed forces; and Part 145 aircraft overhaul and major maintenance repair stations (regional airlines such as US Airways Express, United express, America West, etc.). Local and regional employers include the Bombardier Aerospace Canadair Regional Jet Service Center, Pratt & Whitney Engine Services, Aurora Flight Sciences West Virginia, Lockheed Martin, KCI Aviation, FMW Composites, Tiger Aircraft, National Guard Fixed Wing Training Center, Air Force Reserve, and Sino Swearingen Aircraft.

CONTACT INFORMATION

Mr. Thomas Stose, Interim Director
Fairmont State - Robert C. Byrd
National Aerospace Education Center
Room 116 NAEC, BRIDGEPORT, WV
Phone: (304) 842-8300
E-mail: Thomas.Stose@fairmontstate.edu

FOR MORE INFORMATION VISIT

www.fairmontstate.edu/academics/collegeofscitech/default.asp



fact **The median annual wage for an aviation maintenance manager is \$51,440.00.**

MODEL SCHEDULE

Aviation Maintenance - Management (B.S.)

FRESHMAN FIRST SEMESTER

AVMT 1101	Intro to Aviation Maintenance.....	3
AVMT 1102	Aircraft Basic Science	3
AVMT 1103	Aviation Shop Practices.....	3
INFO 1100	Computer Concepts & Applications	3
MATH 1101	Applied Technical Math.....	3
		15

FRESHMAN SECOND SEMESTER

AVMT 1105	Aircraft Utility Systems	3
AVMT 1109	Aircraft Electronics	3
AVMT 2201	Reciprocating Engines.....	3
AVMT 2202	Aircraft Sheet Metal.....	3
COMP 1101	Applied Technical Programming	3
ENGL 1104	Written English	3
		18

SUMMER I

AVMT 2204	Aircraft Propellers & Controls	3
-OR-		
AVMT 2206	Aircraft Fluid Power & Landing Gear Sys.....	3

SUMMER II

AVMT 2204	Aircraft Propellers & Controls	3
-OR-		
AVMT 2206	Aircraft Fluid Power & Landing Gear Sys.....	3

SOPHOMORE FIRST SEMESTER

AVIO 1110	Aircraft Power Generation & Dist.	3
AVMT 2203	Recip. Engine Maint. & Return to Service	5
AVMT 2205	Turbine Engines & Systems.....	3
AVMT 2209	Airframe Inspection & Flight Control Sys.	3
ENGL 1108	Advanced Written English	3
		17

SOPHOMORE SECOND SEMESTER

AVMT 1106	Aircraft Information Systems	3
AVMT 2207	Turbine Engine Maint. & Inspection.....	3
AVMT 2208	Cabin Atmosphere Control Systems	3
AVMT 2210	Non-Metallic Structures.....	3
ENGL 1109	Technical Report Writing	3
Social Science Elective.....		3
		18

SUMMER I

AVMT 2299	FAA Capstone Review (optional - Highly Recommended).....	3
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SUMMER II

AVMT 2299	FAA Capstone Review (optional - Highly Recommended).....	3
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JUNIOR FIRST SEMESTER

AVMA 3303	Airline Operations.....	3
AVMA 3304	Airline Maintenance Mgt.	3
ENGL 2220/2230	Literature Elective	3
MATH 1102	Applied Technical Math II	3
PHED 1100	Fitness & Wellness.....	2
PSYC 1101	Intro to Psychology	3
		17

JUNIOR SECOND SEMESTER

AVMA 3301	Aviation History	3
AVMA 3302	Aviation Law	3
ECON 2200	Economics	3
MGMT 2209	Principles of Management.....	3
PHYS 1101	Intro to Physics I.....	4

SPCM 1100	Intro to Speech Communications	3
		19

SUMMER I

AVMT 2299	FAA Capstone Review (optional - Highly Recommended).....	3
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SUMMER II

AVMT 2299	FAA Capstone Review (optional - Highly Recommended).....	3
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SENIOR FIRST SEMESTER

AVMA 3307	Human Factors in Aviation Safety.....	3
AVMA 4404	Advanced Composite Structures	3
-OR-		
AVMA 4405	Advanced NDT.....	3
Fine Arts Elective		3
PHYS 1102	Intro to Physics II.....	4
SOCY 1110	Intro to Sociology.....	3
		16

SENIOR SECOND SEMESTER

AVMA 3305	General Aviation Ops.	3
AVMA 4402	Fiscal Aspects of Aviation	3
AVMA 4499	Management Internship.....	3
ENGL 2221/2231	Literature Elective	3
MANF 2250	Total Quality & SPC	3
MGMT 3390	Human Behavior in Orgs.	3
		18

SUMMER I

AVMT 2299	FAA Capstone Review (optional - Highly Recommended).....	3
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Note: The AVMT 2299 FAA Capstone Review Class is offered both Summer I and Summer II of each year to prepare second-year AMT Majors for taking the FAA written, oral and practical A & P certification exams. This class, while highly recommended, is not an FAA certificate requirement.

All first semester classes (AVMT 1101, 1102, & 1103) are pre-requisites for all subsequent classes.

Math 1101 is a requirement of the FAA Part 147 curriculum and a co-requisite of all subsequent classes.

All aviation AVMA courses are offered on a twelve to eighteen month rotation.

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