

AVIATION MAINTENANCE TECHNOLOGY 8120
A Two-Year Program Leading to the A&P, A.A.S. or A.S. Degree

This curriculum prepares students for a career as an Aviation Maintenance Technician. Successful completion of the program and the required FAA exams leads the student to an Airframe and Powerplant Technician rating (A&P).

	Credit Hours - A.A.S.	A.S.
Major Program Requirements	65	65
AMNT 102 General Aviation Maintenance.....	4	4
AMNT 104 Introduction to Electricity	4	4
AMNT 106 Materials, Processes and Welding	4	4
AMNT 107 Hydraulics and Pneumatics	4	4
AMNT 162 Aircraft Sheetmetal.....	4	4
AMNT 164 Aircraft Systems.....	4	4
AMNT 166 Composite and Nonmetallic Structures....	4	4
AMNT 167 Aircraft Electrical.....	4	4
AMNT 202 Powerplant Fuel and Induction Systems ...	4	4
AMNT 204 Reciprocating Engine Overhaul	4	4
AMNT 206 Powerplant Systems and Propellers.....	4	4
AMNT 207 Powerplant Electrical.....	4	4
AMNT 262 Turbine Engines	4	4
AMNT 264 Engine Installation and Troubleshooting ..	4	4
AMNT 266 Aircraft Inspection.....	4	4
AMNT 287 FAA Certification.....	4	4
COMP 101 Using the Windows Environment	1	1
 General Education Requirements		
Basic Skills Core	9	9
ENGL 101 English Composition I.....	3	3
MATH 101 Intermediate Algebra (or higher mathe- matics).....	3	3
SPCH 143 Speech.....	3	3
 Liberal Education Core	15	21
ENGL 102 English Composition II.....	3	3
PFWL 100 Lifetime Fitness/Wellness.....	2	2
PHYT 101 Technical Physics	4	4
Humanities Elective	-	3
HIST 125 History of American Technology	3	3
Social Science Elective	-	3
MATH 102 College Algebra.....	-	3
Social Science – Elective.....	3	-

<i>Recommended Sequence of Courses for A&P</i>	<i>Recommended Sequence of Courses for A.A.S.</i>	<i>Recommended Sequence of Courses for A.S.</i>
Semester I	Semester I	Semester I
AMNT 102.....4 AMNT 104.....4 AMNT 106.....4 AMNT 164.....4 Total Hours: 16	AMNT 102.....4 AMNT 104.....4 AMNT 106.....4 AMNT 164.....4 COMP 101.....1 ENGL 101.....3 MATH 101.....3 Total Hours: 23	AMNT 102.....4 AMNT 104.....4 AMNT 106.....4 AMNT 164.....4 COMP 101.....1 ENGL 101.....3 MATH 101.....3 Total Hours: 23
Semester II	Semester II	Semester II
AMNT 107.....4 AMNT 162.....4 AMNT 166.....4 AMNT 167.....4 MATH 101.....3 Total Hours: 19	AMNT 107.....4 AMNT 162.....4 AMNT 166.....4 AMNT 167.....4 HIST 125.....3 PFWL 100.....2 SPCH 143.....3 Total Hours: 24	AMNT 107.....4 AMNT 162.....4 AMNT 166.....4 AMNT 167.....4 PFWL 100.....2 MATH 102.....3 SPCH 143.....3 Total Hours: 24
Semester III	Semester III	Semester III
AMNT 202.....4 AMNT 204.....4 AMNT 206.....4 AMNT 262 (R/W)...4 PHYT 101.....4 Total Hours: 20	AMNT 202.....4 AMNT 204.....4 AMNT 206.....4 AMNT 262 (R/W)...4 ENGL 102.....3 PHYT 101.....4 Total Hours: 23	AMNT 202.....4 AMNT 204.....4 AMNT 206.....4 AMNT 262 (R/W)...4 ENGL 102.....3 HIST 125.....3 PHYT 101.....4 Total Hours: 26
Semester IV	Semester IV	Semester IV
AMNT 207.....4 AMNT 264(S).....4 AMNT 266.....4 AMNT 287.....4 Total Hours: 16	AMNT 207.....4 AMNT 264(S).....4 AMNT 266.....4 AMNT 287.....4 Hum/Math/Soc Sci/Sci Elec.....3 Total Hours: 19	AMNT 207.....4 AMNT 264(S).....4 AMNT 266.....4 AMNT 287.....4 Humanities Elec.....3 Soc Sci Elective.....3 Total Hours: 22