

Aviation Maintenance Management (2150) (A.S.)

ASSOCIATE IN SCIENCE RECOMMENDED ROADMAP

This academic roadmap is designed to help you select courses each term for your **Associate in Science Degree in Aviation Maintenance Management (2150) (A.S.)**. The mission of the Aviation Maintenance Management program is to serve the air transportation industry with highly trained individuals having the knowledge and skills for entry-level management in the aviation maintenance industry. Through practical training and education in Federal Aviation Administration standards on methods, techniques, and skills as well as through realistic experience with aircraft, avionics, engines and their subsystems, the program produces qualified airframe and powerplant technicians ready to perform and manage aviation maintenance.

Full-time students will refer to the term-by-term recommendations, and part-time students will refer to the course-by-course recommendations. "Mile Markers and Notes" on the Roadmap refer to important guidelines for program completion

This roadmap is intended to provide general guidance about recommended courses and mile markers. For specific guidance about your individual academic degree plan, please see a program advisor. Please also refer to the College Catalog for additional information.

Embedded Certificate(s)

Three technical certificates are available within this degree program: Aviation Mechanic (6119) (T.C.), Aviation Airframe Mechanics (6115) (T.C.) and Aviation Powerplant Mechanics (6117) (T.C.) . Students may pursue the A.S. degree and earn technical certificates while completing the requirements for the degree, or pursue one or more certificates to develop or upgrade their skills in a particular field. Contact an advisor to determine the career education path that is best for you.

Career Options: Graduates of the Associate in Science in Aviation Maintenance Management degree have several career options, including general aviation maintenance, agricultural aviation maintenance, military aircraft repair and overhaul, transport or corporate aircraft maintenance and repair operation (MRO), and airline aircraft maintenance.

Term Offered: F = Fall Sp = Spring Sm = Summer

Available Modalities: HB = Hybrid OC = On-Campus OL = Online

Full-Time Students: Term-by-Term	Part-Time Students: Course-by-Course	Course: Course Title	Credit Hours	T.C. in Aviation Mechanic	T.C. in Aviation Airframe Mechanics	T.C. in Aviation Powerplant Mechanics	Term Offered	Available Modalities	Mile Markers and Notes		
Term 1	1.	AMT 1751: Aviation Maintenance Technology General 1	2	X			F, Sm, Sp	OC	Complete an academic degree plan with your advisor. Follow up with an advisor about any accelerated credits that you may have earned (e.g., dual enrollment, AP, CLEP, etc.).		
		AMT 1751L: Lab	1	X							
		2.	AMT 1752: Aviation Maintenance Technology General 2	2	X		F, Sm, Sp			OC	
		AMT 1752L: Lab	1	X							
		3.	AMT 1753: Aviation Maintenance Technology General 3	2	X		F, Sm, Sp				OC
		AMT 1753L: Lab	1	X							
4.	AMT 1754: Aviation Maintenance Technology General 4	2	X		F, Sm, Sp	OC					
AMT 1754L: Lab	1	X									
5.	Choose 1 General Education Mathematics	3						T.C. in Aviation Mechanic earned See the options for the General Education Requirements in the current College Catalog.			
Term 2	6.	AMT 1761: Aviation Maintenance Technology Airframe 1	4		X			F, Sm, Sp	OC		
		AMT 1761L: Lab	2		X						
	7.	AMT 1762: Aviation Maintenance Technology Airframe 2	4		X			F, Sm, Sp			OC
AMT 1762L: Lab	2		X								
8.	ENC 1101: English Composition I	3					ENC 1101C can be taken in place of ENC 1101. Please speak with your advisor for more information.				

Term 3	9.	AMT 1763: Aviation Maintenance Technology Airframe 3	4		X		F, Sm, Sp	OC	T.C. in Aviation Airframe Mechanics earned This is a recommended Humanities course. See the options for the General Education Requirements in the current College Catalog.
		AMT 1763L: Lab	2		X				
	10.	AMT 1764: Aviation Maintenance Technology airframe 4	4		X		F, Sm, Sp	OC	
		AMT 1764L: Lab	2		X				
11.	PHI 2603: Introduction to Applied Ethics	3							
Term 4	12.	AMT 1771: Aviation Maintenance Technology Powerplant 1	4			X	F, Sm, Sp	OC	This is a recommended Social and Behavioral Sciences course. See the options for the General Education Requirements in the current College Catalog.
		AMT 1771L: Lab	2			X			
	13.	AMT 1772: Aviation Maintenance Technology Powerplant 2	4			X	F, Sm, Sp	OC	
		AMT 1772L: Lab	2			X			
14.	ECO 2013: Principles of Economics I	3							
Term 5	15.	AMT 1773: Aviation Maintenance Technology Powerplant 3	4			X	F, Sm, Sp	OC	T.C. in Aviation Powerplant Mechanics earned See the list of professional elective options below.
		AMT 1773L: Lab	2			X			
	16.	AMT 1774: Aviation Maintenance Technology Powerplant 4	4			X	F, Sm, Sp	OC	
		AMT 1774L: Lab	2			X			
17.	Choose 1 Professional Elective	3							
Term 6	18.	Choose 1 Professional Elective	3						See the list of professional elective options below.
	19.	AVM 1942: Aviation Internship OR AVM 1931: Aviation Capstone	2				F, Sm, Sp	OC	Apply for graduation by the required date. <i>Congratulations, Graduate! Celebrate your success at Commencement!</i>
	20.	SPC 2608: Fundamentals of Public Speaking	3						
Total Program Credit Hours =			83	12	24	24			

Important for You to Know:

- This academic roadmap does not include developmental education courses in reading, writing, and/or mathematics that you may be required to take. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105. Please consult with an advisor for individual assistance.
- **Professional Elective Options** (6 credit hours required)
 - AVM 1010: Aviation Management (Credit Hours: 3) - Prerequisites: None (F, Sm, Sp; OC)
 - AMT 1261: Avionics Line Maintenance Fundamentals (Credit Hours: 3) - Prerequisites: FAA Airframe certificate or previous electronics experience or training - Corequisites: AMT 1261L (F Sm Sp; OC)
 - AMT 1261L: Avionics Line Maintenance Fundamentals Lab (Credit Hours: 1) - Corequisites: AMT 1261 (F Sm Sp; OC)
 - AMT 1231: Avionics Installation and Troubleshooting (Credit Hours: 3) - Prerequisites: FAA Airframe certificate or previous electronics experience or training - Corequisites: AMT 1231L (F, Sm, Sp; OC)
 - AMT 1231L: Avionics Installation and Troubleshooting Lab (Credit Hours: 1) - Corequisites: AMT 1231 (F, Sm, Sp; OC)
 - ENC 2210: Technical Report Writing (Credit Hours: 3) - Prerequisites: ENC 1101 or ENC 1101C with a grade of "C" or better
 - FIN 2000: Principles of Finance (Credit Hours: 3) - Prerequisites: None