FSCJ Florida State College at Jacksonville

Aviation Maintenance Management (2150)

ASSOCIATE IN SCIENCE | College Catalog Year: 2022-2023

The Associate in Science (A.S.) Degree in Aviation Maintenance Management provides a comprehensive hands-on education to fully prepare students for Airframe and Powerplant (A&P) certification.

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.

☑	Task
☐	View career information at http://www.fscj.edu/careercoach
☐	Meet with your advisor each term.
☐	Fulfill the Civic Literacy requirement.
☐	Satisfy the A.S. degree graduation requirements.

Certification/Licensing

With the successful completion of this program, students will be prepared to take the FAA Airframe and Powerplant (A&P) Mechanic certification examinations.

Note: If you are considering employment in a state other than Florida, please visit https://www.fscj.edu/academics/license-disclose to determine if this program will meet the selected state's requirements to sit for licensure or certification testing.

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.

Application Deadline

This is a Selective Access program. Students must follow the application procedure outlined in the current College Catalog.

Advising

(904) 317-3824 or Patricia.H.Conway@fscj.edu.

Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. **Full-time students will refer to the term-by-term recommendations**, and **part-time students will take courses in the order listed**. A minimum grade of C or higher must be achieved in all professional courses, as well as courses used to satisfy the general education and civic literacy requirements.

Note: In lieu of students completing the professional AMT prefix courses included in the program, students may be awarded credit by providing valid proof of FAA A&P certification.

A list of Professional Elective Coursework options is available at the end of this document.

Term 1

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AMT 1751: Aviation Maintenance Technology General I	2	All	On-Campus
☐	AMT 1751L: Aviation Maintenance Technology General I Lab	1	All	On-Campus
☐	AMT 1752: Aviation Maintenance Technology General II	2	All	On-Campus
☐	AMT 1752L: Aviation Maintenance Technology General II Lab	1	All	On-Campus
☐	AMT 1753: Aviation Maintenance Technology General III	2	All	On-Campus
☐	AMT 1753L: Aviation Maintenance Technology General III Lab	1	All	On-Campus
☐	AMT 1754: Aviation Maintenance Technology General IV	2	All	On-Campus
☐	AMT 1754L: Aviation Maintenance Technology General IV Lab	1	All	On-Campus
☐	MAC 1105: College Algebra **or** higher-level MAC prefix course **or** MAP 2302: Differential Equations **or** MGF 1106: Topics in College Mathematics **or** MGF 1107: Explorations in Mathematics **or** STA 2023: Elementary Statistics	3-5	Varies	Varies

Term 2

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AMT 1761: Aviation Maintenance Technology Airframe I	4	All	On-Campus
☐	AMT 1761L: Aviation Maintenance Technology Airframe I Lab	2	All	On-Campus
☐	AMT 1762: Aviation Maintenance Technology Airframe II	4	All	On-Campus
☐	AMT 1762L: Aviation Maintenance Technology Airframe II Lab	2	All	On-Campus
☐	ENC 1101: English Composition I **or** ENC 1101C: English Composition I Enhanced	3 or 4	Varies	Varies

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. Students who place into developmental education courses are required to complete designated developmental education courses with a grade of C or higher regardless of program of study. In addition, it does not include MAT 1033: Intermediate Algebra, which, for many students, is a prerequisite course for MAC 1105.

Term 3

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AMT 1763: Aviation Maintenance Technology Airframe III	4	All	On-Campus
☐	AMT 1763L: Aviation Maintenance Technology Airframe III Lab	2	All	On-Campus
☐	AMT 1764: Aviation Maintenance Technology Airframe IV	4	All	On-Campus
☐	AMT 1764L: Aviation Maintenance Technology Airframe IV Lab	2	All	On-Campus
☐	ARH 2000: Art in the Humanities **or** PHI 2010: Philosophy in the Humanities **or** MUL 2010: Music in the Humanities **or** LIT 2000: Literature in the Humanities **or** HUM 2020: Topics in the Humanities **or** THE 2000: Theatre in the Humanities	3	Varies	Varies

Term 4

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AMT 1771: Aviation Maintenance Technology Powerplant I	4	All	On-Campus
☐	AMT 1771L: Aviation Maintenance Technology Powerplant I Lab	2	All	On-Campus
☐	AMT 1772: Aviation Maintenance Technology Powerplant II	4	All	On-Campus
☐	AMT 1772L: Aviation Maintenance Technology Powerplant II Lab	2	All	On-Campus
☐	AMH 2020: United States History From 1877 to the Present **or** POS 2041: American Federal Government	3	Varies	Varies

Term 5

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AMT 1773: Aviation Maintenance Technology Powerplant III	4	All	On-Campus
☐	AMT 1773L: Aviation Maintenance Technology Powerplant III Lab	2	All	On-Campus
☐	AMT 1774: Aviation Maintenance Technology Powerplant IV	4	All	On-Campus
☐	AMT 1774L: Aviation Maintenance Technology Powerplant IV Lab	2	All	On-Campus
☐	Professional Elective	3	Varies	Varies

Related Roadmaps

Embedded Technical Certificate(s)

Technical certificates are available within this degree program. 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. Embedded technical certificates include:

- Aviation Mechanic
- Aviation Airframe Mechanics
- Aviation Powerplant Mechanics

Term 6

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	Professional Elective	3	Varies	Varies
☐	AVM 1942: Aviation Internship **or** AVM 1931: Aviation Capstone	2	Varies	Varies
☐	BSC 1005: Life in Its Biological Environment **or** BSC 2010C: Principles of Biology I **or** BSC 2085C: Human Anatomy and Physiology I **or** AST 1002: Introduction to Astronomy **or** CHM 1020: Chemistry for Liberal Arts **or** CHM 2045C: General Chemistry and Qualitative Analysis I **or** ESC 1000: Earth and Space Science **or** EVR 1001: Introduction to Environmental Science **or** PHY 1020C: Physics for Liberal Arts with Laboratory **or** PHY 2048C: Physics I With Calculus **or** PHY 2053C: General Physics I	3	Varies	Varies

Total Program Credit Hours

The Aviation Maintenance Management A.S. degree program requires a **minimum of 83 credit hours**. Total program hours may vary based on the student's individual degree plan. Please see an advisor for individual guidance.

Professional Elective Coursework Options

Minimum Credit Hours: 6

☑	Course: Course Title	Credit Hours	Terms Offered	Available Modalities
☐	AVM 1010: Aviation Management	3	Fall	On-Campus
☐	AMT 1261: Avionics Line Maintenance Fundamentals	3	Varies	Varies
☐	AMT 1261L: Avionics Line Maintenance Fundamentals Lab	1	Varies	Varies
☐	AMT 1231: Avionics Installation and Troubleshooting	3	Varies	Varies
☐	AMT 1231L: Avionics Installation and Troubleshooting Lab	1	Varies	Varies
☐	ENC 2210: Technical Report Writing	3	Varies	Varies
☐	ETI 1121: Introduction to Non-Destructive Testing (NDT)	3	Varies	Varies
☐	ETI 2123C: Liquid (Dye) Penetrant Inspection	4	Varies	Varies
☐	FIN 2000: Principles of Finance	3	Varies	Varies