AABInternational

Lewis University	**LEWIS UNIVERSITY**
	College of Aviation, Science and Technology
	Aviation Maintenance Technology
November 15, 2023	**STUDENT ACHIEVEMENT DATA**

AABI Criterion 3.2.4 Public Information. Each AABI-accredited aviation program MUST provide reliable information to the public on student success in the program, at least annually. The following Student Achievement Data MUST appear in easily accessible locations including public program websites:

a. The Program Educational Goals of each accredited program, as publicly published, and how these Program Educational Goals are assessed by the program.

b. Student retention and graduation rates, including the number of degrees produced each year, the percentage of students enrolled one year after starting the program, and the percentage of bachelor's students graduating within 6 years.

c. The employment rate and types of employment (aviation, aviation-related or other positions) of full-time graduates within 1 year of graduation.

d. Other STUDENT ACHIEVEMENT DATA, as determined by the program.

Lewis University

College of Aviation, Science and Technology

Bachelor of Science

Aviation Maintenance Technology

This program is designed for the student who is planning a career in aviation maintenance management. The successful student will have a minimum of 128 credit hours and receive Lewis University Certificates of Completion for both Airframe and Powerplant.

University Mission Statement

Lewis University, guided by its Catholic and Lasallian heritage, provides to a diverse student population programs for a liberal and professional education grounded in the interaction of knowledge and fidelity in the search for truth.

Lewis promotes the development of the complete person through the pursuit of wisdom and justice. Fundamental to its Mission is a spirit of association which fosters community in all teaching, learning and service.

Please visit this link to view and download the University's Mission Statement pamphlet.
The Mission Statement of Lewis University is guided by its mission values, which are inspired by the Lasallian Core Principles.

- KNOWLEDGE
- FIDELITY
- WISDOM
- JUSTICE
- ASSOCIATION

Department's Mission Statement

The mission of the Department of Aviation and Transportation Technology is to support the mission of Lewis University and the College of Aviation Science and Technology.

> *Through its Lasallian mission of knowledge, fidelity, wisdom, justice and association, the Aviation and Transportation Department's programs prepare a diverse group of future aviation professionals to be leaders in the aerospace industry, ethically grounded, and technically prepared to address the challenges of an evolving global industry.*

Consistent with the mission of the Department, the mission of the Aviation Maintenance Technology program is as follows:

> *Through its Lasallian mission of knowledge, fidelity, wisdom, justice and association, the Aviation Maintenance Technology program prepares a diverse group of future aviation professionals to be leaders in the aerospace industry, ethically grounded, and technically prepared to address the challenges of an evolving global industry.*

Aviation Outcomes

The following outcomes are what we expect all graduates of the aviation program to be able to exhibit upon graduation. They are reported as part of the assessment process.

General Outcomes:

- Students are able to apply math, science, and applied sciences to aviation related disciplines.
- Students are able to analyze and interpret data.
- Students are able to work effectively on multi-disciplinary and diverse teams.
- Students are able to make professional and ethical decisions.
- Students are able to communicate effectively, using written communication skills.
- Students are able to communicate effectively, using oral communication skills.
- Students are able to engage in and recognize the need for life-long learning.
- Students are able to access contemporary issues.
- Students are able to use the techniques, skills, and modern technology necessary for professional practice.
- Students are able to access the national and international aviation environment.
- Students are able to apply pertinent knowledge in identifying and solving problems.
- Students are able to apply knowledge of business sustainability to aviation issues.

Core Outcomes:

- Students are able to describe the professional attributes to aviation careers.
- Students are able to describe the requirements or certifications to aviation careers.
- Students are able to describe the planning applicable to aviation careers.
- Students are able to describe the principles of aircraft design to the maintenance of aircraft and associated systems.
- Students are able to describe the performance and operating characteristics related to the maintenance of aircraft and associated systems.
- Students are able to describe the regulations related to the maintenance of aircraft and associated systems.
- Students are able to evaluate aviation safety.
- Students are able to evaluate the impact of human factors on safety.
- Students are able to discuss the impact on aviation operations of international aviation law.
- Students are able to discuss applicable International Civil Aviation Organization (ICAO) or other international standards and practices.
- Students are able to discuss applicable national aviation law, regulations, and labor issues.

Program Outcomes:

- Students will be able to apply the knowledge and demonstrate the skills required to be employed and successful as professional airframe maintenance technician.
- Students will be able to apply the knowledge and demonstrate the skills required to be employed and successful as professional powerplant maintenance technician.
- Students will be able to demonstrate the skills to be a FAA certified airframe and powerplant technician.

Program Assessment Measures

The assessment process is ongoing, and data is collected and analyzed continuously throughout the aviation program and used to better foster student learning. The program uses the following techniques to gather both direct and indirect feedback on student learning:

- Assignments
- Comprehensive Exams
- Course Grades
- Exams
- Individual and/or group Lab Projects

Enrollment / Graduation Rates

Student Enrollment

	Full Time	Part Time	TOTAL
Fall 2023	116	14	130
Fall 2022	122	9	131
Fall 2021	120	13	133
Fall 2020	115	9	124
Fall 2019	110	6	116

New Students

Year	Number of New Students
Fall 2023	32
Fall 2022	28
Fall 2021	36
Fall 2020	26
Fall 2019	26

Graduates

Year	Number of Graduates
Fall 2022, Spring 2023, Summer 2023	18
Fall 2021, Spring 2022, Summer 2022	20
Fall 2020, Spring 2021, Summer 2021	23
Fall 2019, Spring 2020, Summer 2020	20
Fall 2018, Spring 2019, Summer 2019	19

Graduation Rate

Year	New Students	Graduates	Percentage
Fall 2022, Spring 2023, Summer 2023	28	18	64%
Fall 2021, Spring 2022, Summer 2022	36	20	56%
Fall 2020, Spring 2021, Summer 2021	26	23	88%
Fall 2019, Spring 2020, Summer 2020	26	20	76%

Employment Opportunities

Amazon	Flight Deck
Arrow Care	United Airlines
Envoy Air	Piedmont Aviation
Feam Aero	Southwest Airlines
Gulfstream Aerospace	GO Ape Zip line
Lewis University	Republic Airlines
NC Air National Guard	Thales Avionics
Skywest Airlines	UPS
Westfield Ford	American Airlines
DuPage Aerospace	Best Buy
US Department of the Army	

Aviation Education

Celebrating 90 years

LEWIS UNIVERSITY

Data collected – Cognos Reports