


AABInternational

	LEWIS UNIVERSITY
	College of Aviation, Science and Technology
	Aviation Flight 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 fulltime 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 Flight Technology

The Bachelor of Science in Aviation Flight Technology prepares the student for a career as a professional pilot. Upon graduation, the successful student will have a minimum of 128 semester hours of coursework and will hold the following FAA certificates and ratings: Commercial Pilot Certificate—Airplane Single and Multi-engine Land with Instrument Airplane rating; Flight Instructor Certificate—Airplane Single-Engine Land, with Instrument Airplane rating. Optional certificates and ratings include Flight Instructor Certificate—Multi-Engine Land; and Ground Instructor Certificate—Advanced and Instrument.

After matriculation at Lewis University, students are required to do all their flight training at Lewis. For all flight majors, including those who have completed FAA Certificates or Ratings prior to matriculation, the Bachelor of Science in Aviation Flight Technology is awarded to only those students who have successfully completed a minimum of two upper-division flight labs at Lewis University.

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 Flight Technology program is as follows:

Through its Lasallian mission of knowledge, fidelity, wisdom, justice and association the Aviation Flight 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.
- Students are able to explain the integrations of airports in managing the National Airspace System.
- Students are able to explain airspace in managing the National Airspace System.
- Students are able to explain air traffic control in managing the National Airspace System.
- Students are able to discuss the impact of meteorology on aviation operations.
- Students are able to discuss the impact of environmental issues on aviation operations.

Program Outcomes:

- Students are able to demonstrate an understanding and ability to apply the fundamental skills of professional pilots.
- Students are able to apply current FAA regulations to the flight environment.
- Students are able to demonstrate successful decision-making and troubleshooting skill sets in the operational environment.
- Students are able to demonstrate a deep and thorough understanding of aircraft systems and operating principles.

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
- Course Grades
- Exams
- FAA Knowledge Exams
- Individual and/or group Projects
- Presentations
- Scholarly Papers
- Surveys
- Teaching Evaluations

Enrollment / Graduation Rates

Student Enrollment

	Full Time	Part Time	TOTAL
Fall 2023	340	33	373
Fall 2022	329	13	342
Fall 2021	248	20	268
Fall 2020	239	21	260
Fall 2019	247	16	263

New Students

Year	Number of New Students
Fall 2023	122
Fall 2022	127
Fall 2021	69
Fall 2020	57
Fall 2019	83

Graduates

Year	Number of Graduates
Fall 2022, Spring 2023, Summer 2023	29
Fall 2021, Spring 2022, Summer 2022	26
Fall 2020, Spring 2021, Summer 2021	25 (Covid-19)
Fall 2019, Spring 2020, Summer 2020	37
Fall 2018, Spring 2019, Summer 2019	24

Graduation Rate

Year	New Students	Graduates	Percentage
Fall 2022, Spring 2023, Summer 2023	127	29	22%
Fall 2021, Spring 2022, Summer 2022	69	26	38%
Fall 2020, Spring 2021, Summer 2021	57	25	44%
Fall 2019, Spring 2020, Summer 2020	83	37	45%

Employment Opportunities

Skywest Airlines	Republic Airlines
Mokulele Airlines	Wisconsin Airlines
Gary Jet Center	Lewis University
Griffith Aviation	GoJet Airlines
Envoy Air	Wisconsin Aviation
Textron Aviation	Skill Aviation
JWA	Spring City Aviation
Alliance Ground International	Amazon
PSA	Spirit Airlines
JAAR Center	

Aviation Education



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