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

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 multidisciplinary 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 lifelong learning.
- Students are able to access contemporary issues.
- Students are able to use the techniques, skills, and modern technology necessary for professional p Œ š] X ®
- 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.
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- 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 P š Z Œ } š Z] Œ š v] v] Œ š (l } v • š µ v š o Œ v] v P W ®

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

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

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