

Aviation Flight Science

Accreditation, Assessment, Graduation Rates and Employment Information

Accreditation

The Aviation Flight Science degree program is accredited by the Aviation Accreditation Board International (www.aabi.aero). Program accreditation was reaffirmed in 2017 for five years through 2022.

The Aviation Flight Science Program Educational Objectives are:

- Within five years of graduation, Aviation Flight Science (AFS) graduates will be employed as first officers with a regional carrier, copilots in a corporate aviation position, flight instructors or charter pilots. Graduates will be demonstrating their critical thinking, communication, team work and situational awareness skills in their current position.
- Five to ten years after graduation, AFS graduates will hold a Captain Position at regional or corporate flight departments and may have attained First Officer positions at network carriers. Our graduates will demonstrate the leadership and character that is expected of a Professional Pilot.
- As their careers progress, Aviation Flight Science alumni will possess the skills to move into senior flight management positions such as chief pilot, director of flight operations, director of pilot training, check airmen, and simulation. Aviation Flight Science (AFS) graduates will continue to demonstrate their critical thinking, communication, team work and leadership skills as well as increase their global and situational awareness.

Assessment

The College of Aviation Learning Objectives are:

Graduates of the College of Aviation will demonstrate the ability to:

- a. apply mathematics, science, and applied sciences to aviation-related disciplines.
- b. analyze and interpret data.
- c. work effectively on multi-disciplinary and diverse teams.
- d. make professional and ethical decisions.
- e. communicate effectively, using both written and oral communication skills.
- f. engage in and recognize the need for life-long learning.
- g. assess contemporary issues.
- h. use the techniques, skills, and modern technology necessary for professional practice.
- i. assess the national and international aviation environment.
- j. apply pertinent knowledge in identifying and solving problems.
- k. apply knowledge of business sustainability to aviation issues.

The Aviation Flight Science Program Learning Objectives are:

Students who graduate from the Aviation Flight Science program will:

- Understand the technical aspects of flight and aircraft systems and operation and demonstrate application of this knowledge.
- Demonstrate knowledge of national and international air space systems and the ability to operate within those systems.
- Obtain an F.A.A. commercial pilot single engine license with multi-engine and instrument ratings.
- Have knowledge of regulatory and legal issues which impact the industry. Demonstrate application of and adherence to applicable aviation regulations.

Program learning outcomes will be completely assessed over a three (3) year cycle by measuring selected student outcome achievement against target metrics. If the target is not met, data-driven changes are made and the outcome reassessed during the next data collection period.

Graduation Rate

- The College of Aviation graduation rate is 67%.

Employment Information

- [2016-2017 College of Aviation Placement Overview](#)
- [2016-2017 College of Aviation Placement Overview By Discipline](#)