

# AABI International

<b>LIBERTY</b> UNIVERSITY SCHOOL of AERONAUTICS	<b>LIBERTY UNIVERSITY</b>
	<b>SCHOOL OF AERONAUTICS</b>
	<b>B.S. AVIATION ADMINISTRATION</b>
<b>April 29, 2021</b>	<b>STUDENT ACHIEVEMENT DATA</b>

## **Liberty University School of Aeronautics Pillars:**

- Ensuring a world-class aeronautics experience
- Practicing stewardship to provide exceptional value to our student
- Training champions for Christ to change the world

**Our Vision:** Advance the Great Commission by developing and training aerospace professionals through a distinctive Christian education

**Our Mission:** Equip, Mentor, and Send Champions for Christ into the Aerospace Community

## **1. Specific educational goals: Aviation Administration**

- **Create graduates with technical competence:** The Aviation Administration degree program is designed to prepare students for careers in the aviation industry including positions in airport management, airline operations, aircraft manufacturing and sales, government and non-government organizations, aviation safety, missions aviation organizations, and operations, etc. The program also prepares students for roles in safety management systems and exposes students to data analysis, which are areas desired by industry.
- **Prepare men and women of character:** The Aviation Administration program builds on the School of Aeronautics' aviation safety and leadership core, providing graduates with knowledge and skills needed for program development, data analysis, organizational management, and ethics for service as leadership and managerial functions in various aviation business and operations roles. These aviation professionals will possess sound judgment and strong Christian character.

Liberty University Institutional Effectiveness information: <https://www.liberty.edu/institutional-effectiveness/smart-numbers/fall-2020-smart-numbers/>

## **Aviation Administration: Learning Outcomes**

- Apply biblical principles within the aviation profession.
- Apply written and oral communication skills to promote effective aviation administration.
- Promote a healthy organization safety culture in aviation
- Mentor others in leadership skills and qualities as it relates to aviation administration.
- Adapt sound business practices to the aviation industry.
- Apply science, technology, and mathematics to aviation administration.

## **2. Program Assessment Measures: Aviation Administration**

SOA conducts program assessment activities in a culture of continuous improvement:

- Comprehensive Assessment Plan on file with the Liberty University Office of Institutional Effectiveness (working document updated periodically)
- Assessment of each course by Residential faculty, documented in Course Assessment Reports (CAR) filed in Dropbox
- Liberty University's Office of Institutional Effectiveness leads a comprehensive assessment process documented in Chalk and Wire and managed by the designated SOA IE representative
- SOA's Dean conducts semi-annual strategic planning sessions
- SOA's Dean hosts bi-weekly Chair and Dean's council 1030 Monday meetings
- SOA's Associate Dean hosts weekly 1030 Friday meetings with faculty and leadership to discuss curriculum, teaching, goals, assessment, and other priorities
- Semi-Annual Industry Advisory Board meetings
- Semi-Annual SOA administrators' review of student end-of-course surveys
- Annual Associate Dean Goals Report - Completed at end of academic year

In 2014, the SOA developed program learning outcomes (PLOs) of the top-level educational goals of each program offered by the school. These outcomes describe what students should be able to do upon completion of their applicable degree program. The list of PLOs is revised through collaboration among the LUSOA Faculty, the Dean, and the university's Office of Institutional Effectiveness. The LUSOA Assessment Plan specifies a three-year cycle in which each PLO will be assessed.

DEGREE TITLE	PROGRAM LEARNING OUTCOME (PLO)	CLUSTER 1 ASSESSMENT TERM FALL 2017 FALL 2020	CLUSTER 2 ASSESSMENT TERM FALL 2018 FALL 2021	CLUSTER 3 ASSESSMENT TERM FALL 2019 FALL 2022
BS - Aviation Administration	The student will be able to:			
Degree First Offered Fall 2019	Apply biblical principles within the aviation profession.			X
This degree will begin assessment in Academic Year 21-22	Apply science, technology, and mathematics to aviation administration.			X
	Promote a healthy organizational safety culture in aviation.		X	
	Adapt sound business practices to the aviation industry.		X	
	Apply written and oral communication skills to promote effective aviation administration.	X		
	Mentor others in leadership skills and qualities as it relates to aviation administration.	X		

### Additional Program Assessment Measures

Procedures used to assure students meet all program requirements include:

- Incoming students take Math and English placement tests
- FAA medical certificate required for all flight course students
- Students complete courses in applicable DCP; monitored by advisors; tracked by ASIST (Automated Student Information Services Tool) tool
- Students must pass 100-200 level courses with a D grade or higher
- Students must pass 300-400 level courses with a C grade or higher

### Annual Assessment Day

Likert scale surveys sent to first year SOA students and SOA Jr Sr classifications students built from questions used in the focus groups.

For each group, fifteen students are randomly selected and invited to attend the focus group discussion session.

- **First Year Students Focus Group** (*Focus group forum limited to one hour.*)
  - Focus group comprised of 10 to 20 first year students sampled from any student who has taken AVIA 102 in the 2020 Fall or 2021 Spring semester.
- **Upper Classmen Focus Group** (*Focus group forum limited to one hour.*)
  - Focus group comprised of 10 to 20 upper classmen sampled from AVIA 460 or AVIA 491.

### 3. Graduation (Aviation Administration)

First year program Students at beginning of academic year; Graduates in Spring

Year	15/16	16/17	17/18	18/19	19/20
First Year Students	n/a	0	1	9	12
Graduates	n/a	1	1	2	9

#### **4. Rates and Types of Employment of Graduates (2016-2020)**

##### **Annual Alumni Survey**

Liberty University’s annual Alumni Survey is conducted each Fall semester. Alumni from the most recent academic year as well as 5, 10, and 20-year cohorts are invited to participate. Survey content is developed to align with reporting needs for both regional and programmatic accreditors, and national surveys. The survey contains both a core and department-specific sections of questions. The survey core includes questions regarding gainful employment, skill preparation, and overall satisfaction with the school. Academic departments include items for their graduates in the department-specific sections. Feedback is used to inform improvement efforts and for accreditation reporting needs.

Aviation Administration	Survey Year (cohort)				
	2016 (16*)	2017 (16/17)	2018 (17/18)	2019 (18/19)	2020 (19/20)
Survey Respondent (n)	0	1	0	0	1
Employed/Placed (n)	0	1	0	0	1
Job Directly or Somewhat Relevant (n)	0	1	0	0	1

*\*In 2017 we began sending the alumni survey to the academic year cohorts, thus 2016 has only those who graduated in Spring 2016 and not Fall 2015. Employed/placed includes alumni who reported the following: full-time or part-time employment, military, self-employed, or placement in mission or volunteer services. It excludes the following: retired, continuing education, other, no answer, and caring for home/family.*

##### **Employers and Job Titles:**

- American Airlines (2017)
  - Pilot Recruiting & Development
- Southwest Airlines (2019)
  - Customer Relations Representative

##### **Types of Employment:**

- Aviation Management
- Flight
- Aviation Electronics
- Air Traffic Control
- Safety
- Material or Equipment Supplier

##### **Airline Hiring Agreements:**

As part of its mission to send *Champions for Christ* into the aerospace community, the Liberty University School of Aeronautics has established relationships with numerous airlines across the United States and has signed hiring agreements with those listed below:

