


AABInternational

 <p>LOUISIANA TECH UNIVERSITY®</p>	<p>Louisiana Tech University</p> <p>Ruston, Louisiana</p>
	<p>College of Liberal Arts</p>
<p>rev. August 2022</p>	<p>B.S. Aviation Management</p> <p>Student Achievement Data (As required by AABI Criteria 3.2.4)</p>

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.*

The report of Student Achievement Data MUST include the revision date. To ensure accuracy and accessibility, each institution with AABI accredited programs must provide an Annual Report of Compliance with AABI Criterion 3.2.4 to AABI by December 1 each year (for the preceding academic year). The report MUST include:

- 1. A URL for each accredited program's webpage and the link within that page that leads to student achievement data; and*
- 2. A PDF containing student achievement data (Student Achievement Template as found on the AABI website).*

Program Educational Goals (AABI Criteria 3.2.4 (a))

AVMG 01 Ability to pursue business/aviation management careers in industry or government.

- AVMG 02 Ability to solve complex and/or technical business and aviation management problems using mathematics, science, critical thinking and emerging technologies related to business and aviation management.
- AVMG 03 Ability to function effectively and ethically individually and in team situations.
- AVMG 04 Ability to pursue continuing education/life-long learning through graduate studies or continuation training in related aviation management and business fields.
- AVMG 05 Ability to communicate effectively in written and oral form.

Program Assessment Measures Employed

Responsibility

A faculty member is appointed the Department's Accreditation and Assessment Chairperson and two additional members representing Professional Aviation and Aviation Management may serve as co-chair, as needed. These faculty members will collect data for the annual Program Assessment, prepare a briefing for the annual Program Assessment and publish meeting minutes to document shortcomings and make changes as appropriate. In addition, these faculty members will lead the Department effort in preparing the AABI Form 202 and 204 when necessary. They along with the Department Chair are expected to attend AABI meetings regularly and to stay abreast of the latest AABI requirements.

Every faculty member is responsible for assessing their individual courses to ensure that course objectives are being met and that course outcomes evaluate the stated course objectives. The entire faculty will attend the annual Program Assessment and will be involved in the assessment process. Committees have been established to address AABI items of interest such as Curriculum, Facilities, Equipment and Services, Relations with Industry and Safety. These committee chairpersons will hold regular meetings and take minutes of these meetings to address shortcomings and ensure continuous improvement.

Timeline

From the 2009-2010 academic school year through the 2011-2012 school year, all faculty members were required to evaluate and assess every course they taught at the completion of every quarter the course was taught. Beginning with the 2012-2013 school year, faculty members evaluate and assess courses they teach once per school year. Some of these course assessments are used as evidence to evaluate the program-level outcomes for both Professional Aviation and Aviation Management. Once a year (usually in the Fall Quarter) the entire faculty meet for the Program Assessment (both Professional Aviation and Aviation Management) of the previous academic year. The review begins with a presentation of overall statistics that are pertinent to the Department such as enrollment management, graduation rates, and flight hours. In addition to individual courses, other evidence such as alumni surveys, graduate surveys, internship surveys, Airman Knowledge Test scores, student GPAs, resume writing scores, mock interview results, FAA practical test results, team projects, class attendance, research papers, writing assignments and oral presentation assignments are used to provide evidence of achievement of program outcomes. These items are evaluated to assess program outcomes achievement. The faculty selected 80% as an overall standard of successful achievement. Both a course assessment and program-level assessment criteria are as follows:

Standards Statement

Not Meeting Standard

Meeting Standard

Exceeded Standard

Level of Achievement

Greater than 5% under criteria

Within 5% of criteria

Greater than 5% above criteria

Continuous Improvement/Closing the Loop

If an assessed area is rated “Not Meeting Standard” for either a course or a program-level assessment an “Improvement Statement” is required based on the learning outcomes assessment results to demonstrate the “Use of Results” for continuous improvement. The next time the course is taught, or a program-level review is conducted, the improvement statements are evaluated to determine results. This is our method of ensuring continuous improvement. Minutes of the annual Program Assessment are kept as a record of the proceedings.

Lesson Learned

As a result of experience gained during the previous five-year assessment period, and as a result of faculty deliberations during our last Self-Study, we discovered that we were assessing courses with too much frequency. Therefore, we adjusted our course assessment process going forward. Beginning with the 2012-2013 school year, faculty members evaluate and assess courses they teach annually. This will allow better planning and analysis, a longer period between assessments and a better ability to apply corrective action and monitor this action as appropriate for continuous improvement. It will also reduce the burden on the faculty and provide for a more effective evaluation of courses. Course assessments will be due NLT the third week of the following quarter in which the course is being evaluated. The Department assessment timeline mapping is provided below.

The July 16, 2021, revision of the AABI Criteria Manual (Form 201) applied after the reaffirmation of both academic programs in February 2019. Beginning in AY 2021-2022, measurable goals were incorporated into the comprehensive assessment plan representing specific areas of emphasis as defined by AABI Criterion 3.10. These emphasis areas include the following:

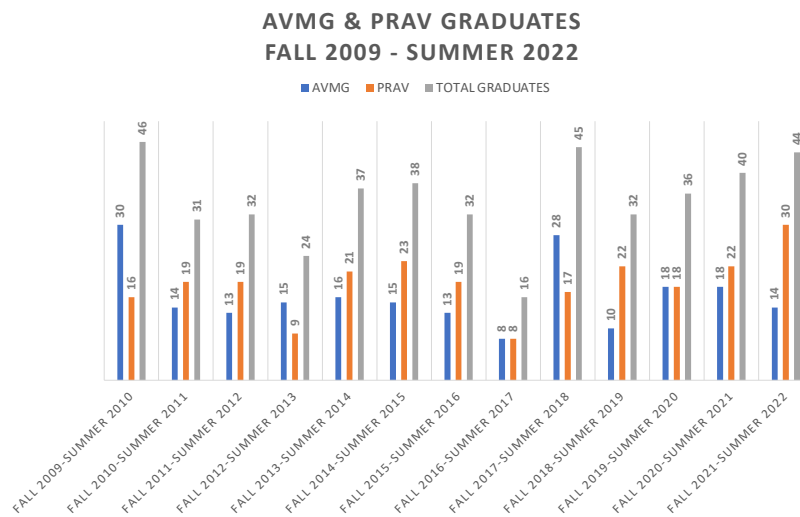
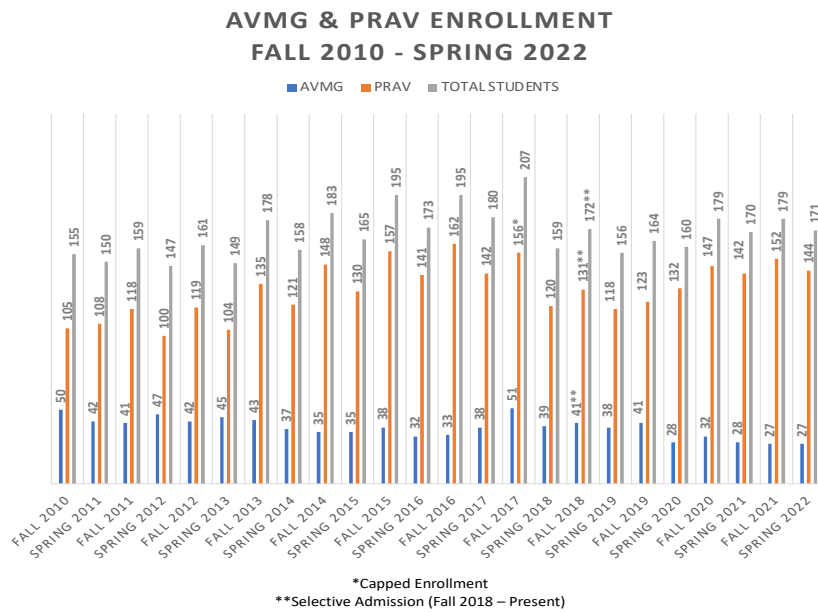
1. Students
2. Program Mission and Educational Goals
3. Student Learning Outcomes
4. Curriculum
5. Faculty and Staff
6. Facilities, Equipment and Services
7. Aviation Safety Culture and Program
8. Relations with Industry

These goals will be published in the annual Program Assessment presentation and reviewed during each official Accreditation Committee meeting. AABI Criterion 3.10 was integrated into the Course/Program Assessment Timeline in October 2021.

Student Retention and Graduation Rates (AABI Criterion 3.2.4 (b)(d))

The Department of Professional Aviation produced 14 B.S. Aviation Management graduates during the 2021-2022 academic year, and 67% of students admitted in the Fall Quarter 2021 cohort were enrolled one year after starting the program. Thirty-seven and a half percent (37.5%) of Aviation Management students graduate within 6 years.

Graduation Rates



Rate and Types of Employment of Graduates within 1 Year (AABI Criterion 3.2.4 (c))

Students graduating from the B.S. Aviation Management degree program experienced an employment rate of 79% during the last academic year. See Table 1 for the type of employment of these alumni.

Table 1

Type of Employment

Position	Number
Aviation	6
Aviation-related	4
Other positions	1

Note: Fall Quarter 2021 through Summer Quarter 2022.