

# AABInternational

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|  <p>UNIVERSITY of DUBUQUE</p> <p>SEPTMBER 19, 2018</p> | UNIVERSITY OF DUBUQUE  |
|   | AVIATION PROGRAMS  |
|   | <b>B.S. FLIGHT OPERATIONS<br/>(PROFESSIONAL AERONAUTICS)</b> |
|   | COMPLIANCE WITH AABI POLICY 3.4.2                            |

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## *PROGRAM OBJECTIVES*

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The Bachelor of Science in Flight Operations is centered on a Pilot Training School certified under 14 CFR 141, and prepares students for FAA certification (licensing) and ratings. A flight-training program is available to majors and non- majors. The Flight Operations Program includes courses from primary flight through multi-engine, commercial pilot with instrument rating, each supported by an appropriate ground school. The learning outcomes for the Flight Operation program are:

1. An understanding of the impact of aviation and technology in a global/societal context
2. An ability to apply the techniques, skills, and modern aviation management tools to perform business related tasks
3. An ability to function on a multi-disciplinary management team which includes technical and management issues
4. An ability to apply knowledge of mathematics and science to ensure safe and efficient operations
5. An ability to accurately analyze and interpret data, and design experiments for a variety of problems
6. An understanding of professional and ethical responsibility
7. An ability to communicate with agency representatives, superiors, subordinates, and peers with precision and clarity
8. Recognition of the need for the ability to engage in lifelong learning
9. Knowledge of contemporary aviation industry issues
10. Students will demonstrate knowledge of business applications relating to the management of flight operations.

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## *PROGRAM ASSESSMENT*

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The Aviation Department uses an annual (Academic Year) process to look formally at an outcome or set of outcomes. Plans are developed in August, lead faculty for each outcome are assigned, interim reviews are conducted in January, draft reports are due in June, and final reports are due no later than October.

We collect signature data from a minimum of one course per learning outcome. The Aviation Department uses external and internal assessments to identify areas of weakness and where possible areas of interest. When shortcomings are determined, plans are developed and resources are gathered to address these issues.

Minutes are the primary set of evidence indicating future actions. Formal assessments do result in plans to address shortcomings as well as to take no action when the process provides validation.

The following departments and committees participate in assessment of outcomes. Identified program recommendations are followed up with syllabi changes, course flow adjustments, and program development to address short comings.

- The Curriculum Committee and Core Committee
- Assessment Committee

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## *GRADUATION RATES*

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| <b>PROGRAM</b>    | <b>ENROLLMENT</b> | <b>YEAR/TERM</b> | <b>GRADUATES</b> | <b>YEAR/TERM</b> |
|-------------------|-------------------|------------------|------------------|------------------|
| Flight Operations | 127               | 2017/Fall        | 7                | May 2018         |
|                   | 163               | 2016/Fall        | 10               | December 2017    |
|                   |                   |                  | 9                | August 2017      |
|                   |                   |                  | 15               | May 2017         |

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*GRADUATE PLACEMENT DATA*

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| SEMESTER      | DATA AVAILABLE | EMPLOYED | GRAD SCHOOL | MILITARY | CFI | AIRLINE PILOT | OTHER TYPES OF EMPLOYMENT  |
|---------------|----------------|----------|-------------|----------|-----|---------------|--|
| MAY 2017      | 91%            | 100%     | 6%          | 15%      | 24% | 12%           | Admission Counselor, Aircraft Mechanic Apprentice, Airport Management, Corporate Pilot, Human Resources, Aerial Photography, Charter Pilot |
| DECEMBER 2016 | 100%           | 100%     | 0%          | 0%       | 16% | 19%           | Loadmaster, Operations Agent, Corporate Pilot, Charter Pilot   |