	The University of Central Missouri Warrensburg, Missouri
	School of Aviation
10-22-2020	B.S. Professional Pilot
	Student Achievement Data

AABI Policy 3.4.2

The Aviation Accreditation Board International (AABI) required accredited institutions to publish a report of student performance data annually (AABI 3.4.2). This policy requires, for each AABI accredited aviation program, institutions MUST accurately publish on the program's public website, a report of student achievement data including the following information, updated annually:

- The objectives of each accredited program.
- Program assessment measures employed.
- Graduation Rates.
- Rates and types of employment of graduates.

Following is the required report for the University of Central Missouri School of Aviation.

School of Aviation Mission Statement

The mission of the School of Aviation is to provide a competitive advantage to our partners in the aerospace industry, using highly experienced faculty and staff dedicated to educating, developing,

Professional Pilot, B.S. Program Educational Goals

Students graduating from the Professional Pilot, B.S. program will:
1. Obtain Commercial, MEL/SEL Certificate with Instrument Rating and CFI.
2. Become eligible for the Restricted ATP Certificate.
3. Learn to effectively communicate and network with industry professionals.
4. Obtain the skills needed to build and promote a culture of safety in the aviation industry.
5. Learn to solve complex and/or technical problems using emerging technologies relating to aviation.

Program Assessment Measures Employed

The University of Central Missouri's School of Aviation is dedicated to academic excellence and, to that end, employs numerous measures to assess instructional delivery, course content, and extent of learning and overall programmatic quality.

Student Learning Outcomes (SLO) are established by AABI and the UCM School of Aviation to identify what students will learn within their respective program of study. AABI General and Core SLOs as well as the Program Criteria are set by the AABI Board of Trustees, while the Program Educational Goals are set by UCM's School of Aviation.

AABI General Student Learning Outcomes (AABI Form 201 3.3.1)

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.

AABI Core Student Learning Outcomes (AABI Form 201 3.3.2)

1. Describe the professional attributes, requirements or certifications, and planning applicable to aviation careers.
2. Describe the principles of aircraft design, performance and operating characteristics; and the regulations related to the maintenance of aircraft and associated systems.
3. Evaluate aviation safety and the impact of human factors on safety.
4. Discuss the impact on aviation operations of international aviation law, including applicable International Civil Aviation Organization (ICAO) or other international standards and practices; and applicable national aviation law, regulations and/or issues.
5. Explain the integration of airports, airspace, and air traffic control in managing the National Airspace System.
6. Discuss the impact of meteorology and environmental issues on aviation operations.

BS Professional Pilot Program Criteria (AABI Form 201 5.5.2)

Each program MUST provide evidence that graduates possess the necessary knowledge, skills, and attitudes to competently and ethically function as professional pilots in the aviation industry.

Classroom and laboratory topics MUST lead to appropriate national certification. The program goals MUST include certification/licensure as a Commercial Pilot with an instrument rating, and multi-engine land rating or flight instructor. Each program MUST provide evidence that its graduates demonstrate competency in program goals.

Each program MUST provide evidence of a significant culminating upper division experience in flight ed-4.6 ( )]TJ T* [(e)-1.6STain fssuld-4.6 ( )]TJ T* 5e2 (96 (s)-27M(t)-4.6 (o)106)-4.6 (decy)d 1.6 ( )]htUST

review of the current Student Learning Outcomes. The 6 copies must represent the range of grades achieved by students for each one (2 low grades, 2 mid-grades, and 2 high grades).

" Senior Exit Surveys– Are collected from seniors that are planning on graduating at the end of each semester (See Appendix S, Senior Exit Survey). A couple of weeks before the end of each semester a list of graduating seniors, at the end of that semester, is obtained by the School of Aviation. Each student's course schedule is reviewed and an instructor of one of their aviation courses is asked to have the student complete the survey at the end of a class.

Aviation Advisory Council (AAC)

The UCM School of Aviation enjoys a positive and constructive relationship with the aviation industry and, to that end, interacts regularly with the advisory council. The AAC is made up of industry experts and professionals representing the broad spectrum of the industry, from airline and corporate/charter flight operations, to manufactures, educators and aviation/airport managers. This important council provides the UCM School of Aviation with valuable feedback that translates into course content, programmatic structure, student learning outcomes and program objectives, which allows for the delivery of a timely, state-of-the-art, leading edge educational experience for the student.

Mapping BS Professional Pilot (AABI General Outcomes)

Required

Assessment Goals BS Professional Pilot (AABI General Outcomes)

AABI General Outcomes	Assessment Methods	Performance Targets	Timeframe
a. apply mathematics, science, and applied sciences to aviation-related disciplines	AVIA 4610 - final exam grade	70% of students > 80% final exam grade	end of course
b. analyze and interpret data	AVIA 3372 - simulator	70% of students > 80% final sim evaluation	end of course
c. work effectively on multi-disciplinary and diverse teams	AVIA 4370 - CRM simulation (CRM eval)	70% of students > 80% CRM portion of final CRM sim evaluation	end of course
d. make professional and ethical decisions	AVIA 3710 - final grade	70% of students > 80% final grade	end of course
e. communicate effectively, using both written and oral communication skills	AVIA 4420 or 4430 - research paper and presentation	70% of students > 80% research paper and presentation	end of course
f. engage in and recognize the need for life-long learning	AVIA 4500 - accident presentation	70% of students > 80% on accident presentation	end of course
g. assess contemporary issues	AVIA 4610 - research paper	70% of students > 80% research paper	end of course
h. use the techniques, skills, and modern technology necessary for professional practice	AVIA 4370 - CRM simulation (flight eval)	70% of students > 80% flight portion of final CRM sim evaluation	end of course
i. assess the national and international aviation environment	AVIA 4090 - legal brief	70% of students > 80% legal brief	end of course

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Mapping AABI Core Outcomes – BS Professional Pilot Courses

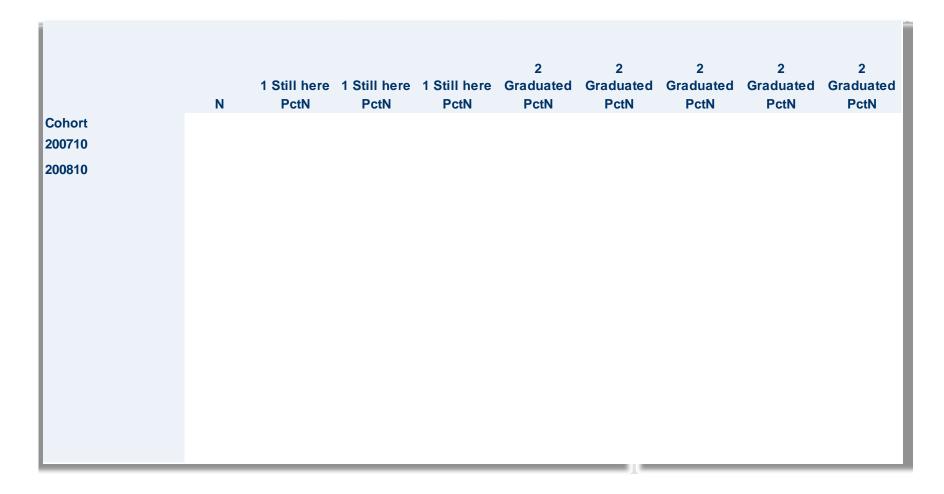| Required AVIA Courses	1	2	3	4	5	6
1310 - Pvt Requirements	I	I	I		I	I
1903 - History				I	P	
2040 - Av Management				P	P	P
2310 - Propulsion Systems		P				
2325 - Inst Ground	P		P			P
2340 - Systems and Comp		P				
2345 -						

Aviation Core Outcomes Matrix (AABI 3.3.2)

AABI Aviation Core Outcomes	Assessment Methods	Performance Targets	Timeframe
1. Describe the professional attributes, requirements or certifications, and			

Retention & Graduation Rates

	N	1 Still here PctN	1 Still here PctN	1 Still here PctN	2 Graduated PctN	2 Graduated PctN	2 Graduated PctN	2 Graduated PctN	2 Graduated PctN
Cohort									
200710									
200810									

Graduate Employment Rates

The University of Central Missouri's Office of Career Services facilitates a graduate career survey to track graduate employment trends broken out by academic college and School within that College. Participation in the survey is voluntary. According to the results of those surveys 100% of respondents were employed in their field.

Graduate Employment Types

The following employment sources have been compiled from the graduate employment survey referenced previously and from communications with graduates and the UCM School of Aviation. This list is not to be considered exhaustive, but serves as an example of where current aviation graduates are employed within the aviation industry.

United States Air Force	UCM Flight School	Premier Flight Center	Lee's Summit Airport
United States Navy	Envoy Airlines	Atlantic Aviation	Springfield Regional Airport
United States Army	Republic Airlines	Air Associates	Heli-Sat Services and Technologies
Air National Guard	GoJet Airlines	Huntsville International Airport	Premier Flight Center