

Bachelor of Science Aviation Science and Management - Flight Track

Eastman

Spring Semester 2019

Academic Program Assessment

Program and Assessment Report Information

Prepared on: 9/20/2019 11:56:25 AM	By: edward.weathersbee@mga.edu
In which college or school is this program located?	Aviation
Program Type:	Undergraduate
Program Name:	Bachelor of Science Aviation Science and Management - Flight Track
Reporting Cycle: (Note: Some programs are required to report on a semester basis for reasons of secondary accreditation or a graduate program required to established assessment data before the next five-year report to SACSCOC.)	Annual Reporting Cycle
Which semester were the data collected and analyzed? If it crossed multiple semesters, select the latest semester of data.	Spring Semester 2019
For which campus are these assessments being submitted? A separate assessment report is needed for each location a program is offered.	Eastman
Approximately how many students are in this program at this location?	421

Student Learning Outcomes

SLO 1

What is the first student learning outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	1) Exhibit knowledge involving application of mathematics, science and applied science to aviation-related disciplines as required by the FAA
What instrument was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	FAA written assessment at end of ground training - AVIA 3019
What level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 70%, an average of meets on the rubric, 3 of 5 correct).	70%.
What is the target percent of students who should achieve mastery of this Student Learning Outcome? (this should be a number between 0-100)	70
During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	100

SLO 2

What is the second student learning outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	2) Students will demonstrate instructional knowledge related to the use of techniques, skills, and modern technology necessary for professional practice as required by the FAA.
What instrument was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	FAA written assessment at end of ground training AVIA 3023
What level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 70%, an average of meets on the rubric, 3 of 5 correct).	70
What is the target percent of students who should achieve mastery of this Student Learning Outcome? (this should be a number between 0-100)	70
During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	100

SLO 3

What is the third student learning outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	3) Students will exhibit instructional knowledge in identifying and solving problems
What instrument was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	FAA written assessment at end of ground training
What level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 70%, an average of meets on the rubric, 3 of 5 correct)	70
What is the target percent of students who should achieve mastery of this Student Learning Outcome? (this should be a number between 0-100)	70
During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	100

SLO 4

What is the fourth student learning outcome for this academic program? Student Learning Outcomes should be stated in measurable terms (i.e. students will be able to.....)	N/A
What instrument was used to measure student's ability to demonstrate mastery of this learning outcome? (i.e. exam, assignment with rubric, speech, demonstration of ability, lab assignment)	N/A
What level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 70%, an average of meets on the rubric, 3 of 5 correct).	N/A
What is the target percent of students who should achieve mastery of this Student Learning Outcome? (this should be a number between 0-100)	0
During this assessment cycle, what percent of the students who participated in this assessment demonstrated mastery of this learning outcome? (this should be a number between 0-100)	0

Sampling

How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?	39
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Evidence of changes based on an analysis of results

What changes were implemented based on an analysis of the students' performance on these Student Learning Outcomes? (Evidence of the improvement must be kept and filed in the department or academic unit including but not limited to: changes in exam questions, reading assignments, syllabi, course instruction materials or assignments. Both old versions and new versions should be kept on file for 10 years.)	Comparing the results from the last cycle till now illustrated a significant decrease in common subjects missed. The overall average of the exams went up as well even though the number of test taken also increased. The subjects missed can be targeted in classes ranging from weather to regulations. Most of the FOI subjects can be covered in AVIA 3023. The differences in cycles also shown the areas where target subjects were concentrated on improved also.
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Open Box for Assessment Comments	
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Form run:

Tuesday, January 14, 2020