

Unmanned Aerial Systems Operator, Eastman

Semester reporting: Spring Semester 2020

Academic Program Assessment

Program and Assessment Report Information

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| Prepared on: 7/28/2020 10:42:23 AM | Prepared by: edward.weathersbee@mga.edu |
| | Email address of person responsible for this report: edward.weathersbee@mga.edu |
| In which college or school is this program located? | Aviation |
| Program Type: | Certificate / Nexus (Standalone Only) |
| For which program is this assessment being submitted? | Unmanned Aerial Systems Operator |
| Reporting Cycle: | Annual Reporting Cycle |
| Which semester were the data collected and analyzed? | Spring Semester 2020 |
| For which campus are these assessments being submitted? | Eastman |
| Approximately how many students are in this program at this location? | 0 |

Student Learning Outcomes

SLO 1

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| 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.....) | Demonstrate an understanding of regulations and legislation involving UAS's |
| SLO 1: What instrument (assessment type) 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) | AERO 3011 - UAS Regulations - Final Exam |
| SLO 1: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on....) | 70% of all students will earn an average grade of 80% or better |
| SLO 1: 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 |
| SLO 1: Evidence of changes based on an analysis of the results: What changes were implemented, if applicable, based on an analysis of the students' performance on this Student Learning Outcome? (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. Major changes to curriculum must go through the Academic Affairs process.) | No Students in the Program |

Student Learning Outcomes

SLO 2

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| 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.....) | Develop a platform/system concept for various UAS applications |
| SLO 2: What instrument (assessment type) 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) | AERO 4021 - UAS Platform and System Development - Final Exam |
| SLO 2: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....). | 70% of all students will earn an average grade of 80% or better |
| SLO 2: 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 |
| SLO 2: Evidence of changes based on an analysis of the results: What changes were implemented, if applicable, based on an analysis of the students' performance on this Student Learning Outcome? (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. Major changes to curriculum must go through the Academic Affairs process.) | No students in the program |

Student Learning Outcomes

SLO 3

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| 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.....) | Explain and demonstrate the various methods for launch and recovery |
| SLO 3: What instrument (assessment type) 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) | AERO 4031 - Uas Flight Operations - Final Exam |
| SLO 3: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....). | 70% of all students will earn an average grade of 80% or better |
| SLO 3: 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 |
| SLO 3: Evidence of changes based on an analysis of the results: What changes were implemented, if applicable, based on an analysis of the students' performance on this Student Learning Outcome? (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. Major changes to curriculum must go through the Academic Affairs process.) | No students in the program |

Student Learning Outcomes

SLO 4

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| 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 |
| SLO 4: What instrument (assessment type) 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 |
| SLO 4: What target performance level would a student need to achieve on the assessment instrument to demonstrate mastery of this learning outcome? (i.e. 80% of all students will earn an average grade of 75% or better on.....) | N/A |
| SLO 4: 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 |
| SLO 4: Evidence of changes based on an analysis of the results: What changes were implemented, if applicable, based on an analysis of the students' performance on this Student Learning Outcome? (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. Major changes to curriculum must go through the Academic Affairs process.) | N/A |

Sampling

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| How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location? | 0 |
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Open Box for Assessment Comments

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| Open Text Box For Assessment Comments: | |
| If the COVID-19 pandemic impacted this assessment cycle, please provide specific details below. (Also submit any COVID-19 correspondence from your accrediting body to assessment@mga.edu when you submit this form with your Department name and program in the subject line.) | |

