

Aircraft Structural Technology (Certificate), Eastman

Semester reporting: Spring Semester 2020

Academic Program Assessment

Program and Assessment Report Information

Prepared on: 7/31/2020 5:13:17 PM	Prepared by: martin.kehayes@mga.edu
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In which college or school is this program located?	Aviation
Program Type:	Certificate / Nexus (Standalone Only)
For which program is this assessment being submitted?	Aircraft Structural Technology (Certificate)
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?	19

Student Learning Outcomes

SLO 1

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.....)	Students will be able to manufacture a composite metal bond sandwich panel.
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)	Lab assignment with rubric
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% mastery of manufacturing of a composite metal bond sandwich panel.
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)	100
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.)	N/A

Student Learning Outcomes

SLO 2

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.....)	Student will be able to repair skins on a trailing edge project.
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)	Lab assignment with rubric
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% mastery of repair of skin on a trailing edge project.
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)	63
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.)	7 of 11 were available for evaluation. All 7 scored 80% or better. Due to COVID-19 related scheduling, four students have not been able to participate in this SLO yet.

Student Learning Outcomes

SLO 3

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.....)	Student will be able to repair cracks on a trailing edge project.
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)	Lab assignment with rubric.
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% mastery on repair of crack on a trailing edge project.
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)	63
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.)	7 of 11 were available for evaluation. All 7 scored 80% or better. Due to COVID-19 related scheduling, four students have not been able to participate in this SLO yet.

Student Learning Outcomes

SLO 4

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

How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?	11
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Open Box for Assessment Comments

Open Text Box For Assessment Comments:	N/A
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.)	7 of 11 were available for evaluation. Due to COVID-19 related scheduling, four students have not been able to participate in these SLOs yet.

