

Certificate in Aviation Maintenance Technology Airframe and Powerplant, Eastman

Semester reporting: Spring Semester 2022

Reporting cycle: Annual Reporting Cycle

Academic Program Assessment Report Information

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In which college or school is this program located?	Aviation
Program Type:	Certificate
Approximately how many students are in this program at this location?	65

Student Learning Outcomes

SLO1

<p>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.....)</p>	<p>The student will exhibit knowledge of FAA airframe inspection and maintenance procedures.</p>
<p>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) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?</p>	<p>AMTP 2050 Final Exam</p>
<p>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....)</p>	<p>80% mastery of FAA airframe inspection and maintenance procedures.</p>
<p>SLO 1: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)</p>	<p>FAA certification minimums for the airframe and powerplant mechanic are set at 70%. This programs performance level is an attempt to aim for a bar sufficiently above the standard FAA assessment level to ensure success on certification.</p>
<p>SLO 1: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.</p>	<p>0.6700000000000004</p>
<p>SLO 1: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented 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.)</p>	<p>Test preparation computer software was removed from the computer labs due to budget. A concerted effort will need to be made to encourage students to utilize paper (book) prepware version.</p>

SLO2

<p>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.....)</p>	<p>The student will demonstrate ability to perform FAA airframe inspections and maintenance procedures.</p>
<p>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) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?</p>	<p>Practical Project CIG-2, AMTP 2050</p>
<p>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....)</p>	<p>80% mastery to demonstrate ability to perform FAA airframe inspections and maintenance procedures.</p>
<p>SLO 2: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)</p>	<p>FAA certification minimums for the airframe and powerplant mechanic are set at 70%. This programs performance level is an attempt to aim for a bar sufficiently above the standard FAA assessment level to ensure success on certification.</p>
<p>SLO 2: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.</p>	<p>0.88</p>
<p>SLO 2: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented 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.)</p>	<p>Practical project for academic year 2022-2023 will adjust to meet new FAA regulatory requirements. Curriculum will meet the Airman Certification Standards (ACS).</p>

SLO3

<p>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.....)</p>	<p>The student will exhibit knowledge of FAA powerplant inspection and maintenance procedures.</p>
<p>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) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?</p>	<p>AMTP 2250 Final Exam</p>
<p>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....)</p>	<p>80% mastery of knowledge of FAA powerplant inspection and maintenance procedures.</p>
<p>SLO 3: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)</p>	<p>FAA certification minimums for the airframe and powerplant mechanic are set at 70%. This programs performance level is an attempt to aim for a bar sufficiently above the standard FAA assessment level to ensure success on certification.</p>
<p>SLO 3: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.</p>	<p>0.6999999999999996</p>
<p>SLO 3: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented 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.</p>	<p>Test preparation computer software was removed from the computer labs due to budget. A concerted effort will need to be made to encourage students to utilize paper (book) prepware version.</p>

Major changes to curriculum must go through the Academic Affairs process.)	
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SLO4

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.....)	The student will demonstrate ability to perform FAA aviation administration powerplant inspections and maintenance procedures.
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) and provide specific details of the instrument (e.g. Exam 2, Course HLSA 3800; Final Group Project, HIST 3900) is learning outcome?	Practical project DIC8-2, AMTP 2250The student will demonstrate ability to perform FAA aviation administration powerplant inspections and maintenance procedures.
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....)	80% mastery to demonstrate ability to perform FAA aviation powerplant inspections and maintenance procedures.
SLO 4: Provide details for your target performance level established (i.e. accreditation requirement, past performance data, peer program review, etc.)	FAA certification minimums for the airframe and powerplant mechanic are set at 70%. This programs performance level is an attempt to aim for a bar sufficiently above the standard FAA assessment level to ensure success on certification.
SLO 4: During this assessment cycle, what percent of the students who participated in this assessment met the target performance level and demonstrated mastery of this learning outcome.	0.88
SLO 4: Improvement Plans and Evidence of changes based on an analysis of the results: What changes were implemented 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	Practical project for academic year 2022-2023 will adjust to meet new FAA regulatory requirements. Curriculum will meet the Airman Certification Standards (ACS).

<p>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.)</p>	
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Sampling

<p>How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?</p>	<p>18</p>
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Open Box for Assessment Comments

<p>Required: In this field, please document the overall use of assessment results for continuous improvement (consider the past, present, and future and specifically address these in your narrative).</p>	<p>Given regulatory changes on the horizon for the aviation maintenance program, the current assessment strategy will be left in place for this first year. Data will be reviewed at the close of 2022-2023. At that point, we will make a decision on which direction to proceed under the new regulatory requirements.</p>
<p>Optional Open Text Box For Assessment Comments:</p>	
<p>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.)</p>	<p>N\A</p>

