

Certificate in Aviation Maintenance Technology Airframe and Powerplant, Eastman

Semester reporting: Spring Semester 2021

Reporting cycle: Annual Reporting Cycle

Academic Program Assessment by Location Report Information

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In which school is this program located?	Aviation
Program Type:	Certificate (Standalone Only)
Approximately how many students are enrolled in this program at this location?	64

Student Learning Outcomes

SLO1

7. 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.....)	The student will exhibit knowledge of FAA airframe inspection and maintenance procedures.
8. 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)	AMTP 2050 Final Exam
9. 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....)	80% mastery of FAA airframe inspection and maintenance procedures.
10. 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)	87
11. SLO 1: 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?	The percentage of those scoring above 80% increased dramatically, in spite of loss of access to FAA computer test prepware availability.

Student Learning Outcomes

SLO2

12. 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.....)	The student will demonstrate ability to perform FAA airframe inspections and maintenance procedures.
13. 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)	Practical Project CIG-2, AMTP 2050
14. 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.....).	80% mastery to demonstrate ability to perform FAA airframe inspections and maintenance procedures.
15. 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)	78
16. SLO 2: 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?	Practical project accurately assesses students comprehensive knowledge of airframe inspections. Project involves numerous shop hours, and much "hands-on" learning.

Student Learning Outcomes

SLO3

17. 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.....)	The student will exhibit knowledge of FAA powerplant inspection and maintenance procedures.
18. 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)	AMTP 2250 Final Exam
19. 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.....).	80% mastery of FAA powerplant inspection and maintenance procedures
20. 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)	92
21. SLO 3: 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?	The percentage increased on this SLO from the previous year. Instruction returned to face to face, rather than online instruction.

Student Learning Outcomes

SLO4

22. 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
23. 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)	Practical project DIC8-2, AMTP 2250
24. 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 powerplant inspections and maintenance procedures.
25. 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)	92
26. SLO 4: 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?	New training aircraft were used for this practical assignment. A high percentage of seniors demonstrated the ability to apply learned mechanical knowledge to an unseen aircraft.

Sampling

27. How many students participated in the assessment of these learning outcomes, in this program, for this assessment cycle at this location?	25
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Open Box for Assessment Comments

28. In this field, please document the overall use of assessment results for continuous improvement and Open Text Box For Assessment Comments:	AMST is in discussion with the library on obtaining computer FAA test prepware. This should aid students in preparing for cumulative finals.
29. If the COVID-19 pandemic impacted this assessment cycle, please provide specific details below.	No