

Assessment: Program Four Column



Acad Program - Aviation Maintenance Technology (AAS)

Program Learning Outcomes	Assessment Methods	Assessment Results	Action Taken (Use of Results)
<p>1. FAA - Execute Federal Aviation Administration (FAA) forms/records, composing appropriate corresponding aircraft maintenance records entries, and show compliance with a 100 hour/Annual inspection in accordance with the Title 14 of the Code of Federal Regulations (CFR). Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022 Start Date: 08/01/2018</p>	<p>Final Exam Grade - Course exam and projects. Criterion: 50 percent of students enrolled will pass AMTG 1080 and AMTA 2140.</p>	<p>Reporting Period: 2022 - 2023 EoY Result Type: Criterion Met 18 of 18 (100%) of students passed AMTG 1080 and AMTA 2140, surpassing the assessment methods criterion (06/01/2023) Analysis: The results exhibited that Aviation students are able to execute Federal Aviation Administration (FAA) documents and perform inspections in accordance with Title 14 of the Code of Federal Regulations (CFR).</p>	<p>Action Taken (Use of Results): Other than to closely monitor student results, no further action will be taken . (06/01/2023)</p>
<p>2. FAA Certification - Pass the Federal Aviation Administration (FAA) knowledge, oral, practical, and written examinations in General, Airframe, and Powerplant subjects and obtain FAA general mechanic, airframe and powerplant certifications. Outcome Status: Active/Ongoing Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022 Start Date: 07/01/2016</p>	<p>Standardized Test - FAA Knowledge and Oral/Practical Tests. Criterion: 50 percent of Students taken Knowledge and Oral/Practical Tests will pass.</p>	<p>Reporting Period: 2022 - 2023 EoY Result Type: Inconclusive There were 8 graduates this academic year and of those graduates, 3 students have started the testing process. None of the students have passed the A&P tests at time of submission. (06/01/2023) Analysis: At time of submission, only 3 of the 8 students have started the testing process. The main issues for testing for most students is the travel involved and the cost. This outcome will be better evaluated in 6 to 12 months, once the students have sufficient time to test.</p>	<p>Action Taken (Use of Results): To help reduce the cost and travel burden for out students, we have started the process of offering the A&P testing at SOWELA. We have had the initial inspection and Mr. Hensley has been approved for additional DME training that we are attempting to schedule for the Fall 2023 semester. (06/01/2023)</p>
<p>3. Aircraft Components - Demonstrate mechanical ability to</p>	<p>Completion By Due Date - Course exams and projects</p>	<p>Reporting Period: 2022 - 2023 EoY Result Type: Criterion Met</p>	<p>Action Taken (Use of Results): At this point no further action will be</p>

<i>Program Learning Outcomes</i>	<i>Assessment Methods</i>	<i>Assessment Results</i>	<i>Action Taken (Use of Results)</i>
<p>inspect and aircraft electrical, engine, fuel, navigation, and instrument systems and other aircraft components specified by Federal Aviation Regulation Part 147.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022</p> <p>Start Date: 07/01/2016</p>	<p>Criterion: 50 percent of students enrolled will pass AMTA 2090, AMTA 2140, AMTP 2290, AMTA 2000, AMTP 2310, AMTA 2100 and/or AMTA 2110.</p>	<p>11 of 13 (85%) of students passed AMTP 2290, surpassing the assessment methods criterion. (06/01/2023)</p> <p>Analysis: The results indicate that the students are able to identify and inspect aircraft electrical, engine, fuel , navigation, and instrument systems as specified by the FAA Part 147. Criterion Met.</p> <hr/> <p>Reporting Period: 2022 - 2023 EoY</p> <p>Result Type: Criterion Met</p> <p>11 of 12 (92%) of students successfully passed AMTG 1030 and AMTG 1040. (06/01/2023)</p> <p>Analysis: The results indicate that the students are able demonstrate knowledge of safety procedures, hazard, housekeeping, and work ethics needed for employment in the aviation maintenance industry. Criterion met.</p>	<p>taken other than to closely monitor student results. (06/01/2023)</p> <hr/> <p>Action Taken (Use of Results): The dean and the faculty will work with industry partners to develop additional employment practices to prepare students for the workforce. (06/01/2023)</p>
<p>4. Satisfactory Employment Standards - Display proper behavior reflecting satisfactory work habits, safety procedures, hazards, housekeeping, and ethics to fulfill program requirements and confidence to prepare for employment in the aviation maintenance industry.</p> <p>Outcome Status: Active/Ongoing</p> <p>Assessment Year: 2016 - 2017, 2017 - 2018, 2018 - 2019, 2019 - 2020, 2020 - 2021, 2021 - 2022</p> <p>Start Date: 07/01/2016</p>	<p>Final Exam Grade - Course exams and Projects for AMTG 1030 and AMTG 1040</p> <p>Criterion: 50 percent of the students will pass AMTG 1030 and AMTG 1040</p>		