

Outcome Assessment RESULTS

Degree or Certificate: AAS Aviation Maintenance Tech.

1. Outcome	2. Criteria or Target	3. Measurement Tool		4. When/how and by who analysis of assessment will be accomplished	5. Results
		course	assignment		
Individuals who receive a degree/certificate of completion should be able to:					
1. Service, maintain, troubleshoot and repair airplanes and rotorcraft.	80% of students earn a C or higher	AMT 282: Powerplant RTS	Capstone Project	Winter term 2024 Review by Aviation Department	90% of students have earned a C grade or better. 40% of students have earned an A grade.
2. Perform proficient, entry-level aviation maintenance skills.	80% of students earn a C or higher	AMT 282: Powerplant RTS	Capstone Project	Winter term 2024 Review by Aviation Department	90% of students have earned a C grade or better. 40% of students have earned an A grade.
3. Apply knowledge of FAA regulations and industry standards.	80% of students earn a C or higher	AMT 281: Airframe RTS	Capstone Project (Summer 2023)	Winter term 2024 Review by Aviation Department	100% of students of students have earned a C grade or better. 50% of students have earned an A grade.

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4. Apply math and physics principles in solving problems associated with aviation maintenance.	80% of students earn a C or higher	AMT 282: Powerplant RTS	Capstone Project	Winter term 2024 Review by Aviation Department	90% of students have earned a C grade or better. 40% of students have earned an A grade.
5. Communicate effectively verbally and in writing.	80% of students earn a C or higher	AMT 281: Airframe RTS	Capstone Project (Summer 2023)	Winter term 2024 Review by Aviation Department	100% of students of students have earned a C grade or better. 50% of students have earned an A grade.
6. Use critical thinking and problem solving skills to identify and resolve aviation maintenance issues.	80% of students earn a C or higher	AMT 282: Powerplant RTS	Capstone Project	Winter term 2024 Review by Aviation Department	90% of students have earned a C grade or better. 40% of students have earned an A grade.
7. Work effectively in a	80% of students earn a C or higher	AMT 281: Airframe RTS	Capstone Project (Summer 2023)	Winter term 2024 Review by Aviation Department	100% of students of students have earned a C grade or better. 50% of

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team and/or group setting.					students have earned an A grade.
8.Sit for the Federal Aviation Administration (FAA) certification exams (written, oral and practical) for the airframe and powerplant (A&P) airman certificate.	Within 60 days of graduation, at least 70% of CGCC students must pass one of the tests, or combination of the three.	Reported by FAA to CGCC	Capstone Project	Winter term 2024 Review by Aviation Department	This information is compiled by the FAA and will be made available at a future date. The data is composite to a 3-year running average. This information will not be provided until after CGCC-AMTS operations are completed 2028 academic year.

Submitted by: Bryan Despain

Assessment Completed by: Byran Despain

Date: 11/21/2023

Date: 3/13/2024 (18 month program)

Plans to be submitted to Title III Academic Assessment Coordinator (kbooth@cgcc.edu) by Nov 15 of academic year being assessed

Results to be submitted to Title III Academic Assessment Coordinator (kbooth@cgcc.edu) by July 1 of the following academic year being assessed