

Outcome Assessment Plan for degrees or certificates

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	
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	
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	

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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	
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	
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	
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	

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team and/or group setting.					
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	

Submitted by: Bryan Despain

Date: 11/21/2023

Assessment Completed by:

Date:

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