CTE Outcome Assessment Plan for Degrees or Certificates 2022-23 Aviation Mechanic Technology Certificate

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| 1. Outcome
 | 1. Criteria or Target
 | 1. Measurement Tool (course and assignment)
 | 1. When/how and by who analysis of assessment will be accomplished.
 | 1. Program Assessment and Recommendations
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| Students who complete the AAS degree should be able to:  |
| 1. Service, maintain, troubleshoot and repair airframe structures, systems and components.
 | 75% of students earn a C or higher | AMT 282: Capstone Project | Winter term 2024 Review by Aviation Department  |  |
| 1. Perform proficient, entry-level aviation maintenance skills.
 | 75% of students earn a C or higher | AMT 282: Capstone Project | Winter term 2024 Review by Aviation Department  |  |
| 1. Apply knowledge of FAA regulations and industry standards.
 | 75% of students earn a C or higher | AMT 281:Capstone Project(Summer 2023) | Winter term 2024 Review by Aviation Department |  |
| 1. Think critically, problem solve, and communicate effectively.
 | 75% of students earn a C or higher | AMT 282:Capstone Project | Winter term 2024 Review by Aviation Department |  |
| 1. Apply math and physics principles in solving problems associated with aviation maintenance.
 | 75% of students earn a C or higher | AMT 281:Capstone Project(Summer 2023) | Winter term 2024 Review by Aviation Department |  |
| 1. Work effectively in a team and/or group setting
 | 75% of students earn a C or higher | AMT 282:Capstone Project | Winter term 2024 Review by Aviation Department |  |
| 1. Sit for the Federal Aviation Administration (FAA) certification (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.  | Winter term 2024 Review by Aviation Department |  |

Plans to be submitted to Title III Academic Assessment Coordinator (kbooth@cgcc.edu) 30 days AFTER the completion of the previous program (18 months).

Results to be submitted to Title III Academic Assessment Coordinator (kbooth@cgcc.edu) after the completion of the 18-month program.