

| 1. Outcome | 2. Criteria or Target | 3. Measurement Tool (course and assignment) | 4. When/how and by who analysis of assessment will be accomplished | 5. Program Assessment and Recommendations |
|---|---|--|--|---|
| Students who complete the AAS degree should be able to: | | | | |
| 1. Qualify for employment in the electro-mechanical field as technicians | 75% of students pass with a C or better | Spring EET 273 – final performance assessment and labs | June 2024 EM-Tech Department | |
| 2. Service/repair electro-mechanical systems and assist engineers with the design of electro-mechanical systems by applying knowledge of electrical, electronics, mechanical, control systems and hydraulic/pneumatic concepts. | 75% of students pass with a C or better | Spring EET 273 – final performance assessment & labs MEC 123 – final performance assessment & labs | June 2024 EM-Tech Department | |
| 3. Apply basic operations management practices and principles in an advanced manufacturing environment . | 75% of students pass with a C or better | Spring MEC 124 – final performance assessment & labs | June 2024 EM-Tech Department | |
| 4. Control computer-driven devices through programming in the C language. | 75% of students pass with a C or better | Winter EET 180 – final performance assessment & labs Spring EET 242 – final performance assessment & labs | June 2024 EM-Tech Department | |

Submitted by: James Pytel

Date: 11/28/2023

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 Academic Assessment Coordinator (kbooth@cgcc.edu) by June 30th the following academic year being assessed

Analysis to be completed as part of the department program review