

CTE Outcome Assessment Plan for degrees or certificates 2019-20

**Certificate: Electro-Mechanical Technology Certificate**

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 Results and Recommendations
<b>Individuals who receive a certificate of completion should be able to:</b>				
1. Qualify for employment in the renewable energy field as entry level operators	75% of students pass with a C or better	Spring EET 113 – final performance assessment and labs	2022-23 Program Review EM-Tech department	100% (28/28) students earned a C or better
2. Assist technicians with repair, servicing, and manufacturing of renewable energy systems by applying basic knowledge of mathematic, electrical, electronic, mechanical, and hydraulic/pneumatic concepts	75% of students pass with a C or better	Spring EET 113 – final performance assessment and labs	2022-23 Program Review EM-Tech department	100% (28/28) students earned a C or better
3. Communicate effectively both at the individual level and within team settings.	75% of students pass with a C or better	Spring EET 113 –final performance assessment and labs MEC 123– final performance assessment and labs	2022-23 Program Review EM-Tech department	EET 113 - 100% (28/28) students earned a C or better  MEC 123 - 100% (25/25) students earned a C or better
4. Qualify for employment in the high tech field as electronics technicians	75% of students pass with a C or better	Spring EET 113 – final performance assessment and labs	2022-23 Program Review EM-Tech department	100% (28/28) students earned a C or better

Submitted by: Jim Pytel, Tom Lieurance and Chris Spengler – EM-Tech Instructors

Date: 9.17.20

Plans to be submitted to Academic Assessment Coordinator ([kkane@cgcc.edu](mailto:kkane@cgcc.edu)) by Nov 15 of academic year being assessed

Results to be submitted to Academic Assessment Coordinator ([kkane@cgcc.edu](mailto:kkane@cgcc.edu)) by July 1 the following academic year being assessed

Analysis to be completed as part of the department program review 2022-23.