CTE Outcome Assessment Plan and Results for degrees or certificates 2017- 18   **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
Individuals who receive a certificate of completion should be able to:				
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 RET Department	90% of 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 RET Department	90% of 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 121– final performance assessment and labs MEC 122– final performance assessment and labs	2022-23 Program Review RET Department	90% of students earned a "C" or better 100% of students earned a "C" or better 93.34% of students earned a "C" or better
4. Understand the impact of renewable energy within the context of sustainability and apply sustainability concepts to their practice.	75% of students pass with a C or better	Spring EET 113 –final performance assessment and labs	2022-23 Program Review RET Department	90% of students earned a "C" or better
5. Apply ethical and professional practice within the field of renewable energy.	75% of students pass with a C or better	Spring EET 113 –final performance assessment and labs RET 101– final performance assessment and labs	2022-23 Program Review RET Department	90% of students earned a "C" or better 100% of students earned a "C" or better
6. 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 RET Department	90% of students earned a "C" or better

Submitted by: Electro-Mechanical Technology Department   Date: July 19, 2018

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

Results to be submitted to Academic Assessment Coordinator (kkane@cgcc.edu) by July 1

Analysis to be provided in the 2022-23 Program Review