

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	2017-18 Program Review RET department	
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	2017-18 Program Review RET department	
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 <u>MEC 121– final performance assessment and labs</u> MEC 122– final performance assessment and labs	2017-18 Program Review RET department	
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	2017-18 Program Review RET department	
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 <u>RT 101– final performance assessment and labs</u>	2017-18 Program Review RET department	
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	2017-18 Program Review RET department	

Submitted by: Electro-Mechanical Technology Department

Date: September 29, 2017

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

Assessment and Analysis to be submitted to Academic Assessment Coordinator (kkane@cgcc.edu) by Nov 15 the following academic year being assessed