CTE Outcome Assessment Plan and Results for degrees or certificates 2016-17

Certificate: Renewable Energy 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	EET113 85% passed with a "C" or better
2. Assist technicians with repair/servicing/manufacturing of renewable energy systems by applying basic knowledge of electrical, electronics, mechanical, and hydraulics/pneumatics concepts.	75% of students pass with a C or better	Spring EET 113 – final performance assessment and labs	2017-18 Program Review RET department	EET113 85% passed with 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 120– final performance assessment and labs MEC 122– final performance assessment and labs	2017-18 Program Review RET department	EET113 85% passed with a "C" or better MEC121 85% passed with a "C" or better MEC122 85% passed with 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	2017-18 Program Review RET department	EET113 85% passed with 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 RT 101– final performance assessment and labs	2017-18 Program Review RET department	EET113 85% passed with a "C" or better RET101 85% passed with a "C" or better
6. Achieve success in continuing their education towards completion of a two-year AAS degree should that be their goal.	75% of students pass with a C or better	Spring EET 113 – final performance assessment and labs	2017-18 Program Review RET department	EET113 85% passed with a "C" or better

Submitted by: RET Department   Date: March 25, 2017