

| 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. Assessment Results |
|--|---|---|--|-----------------------|
| Students who complete the AAS degree should be able to:  |   |   |  |                       |
| 1. Qualify for employment in the renewable energy field as technicians.  | 75% of students pass with a C or better | Spring<br>EET 273 – final performance assessment and labs   | Summer RET Department  | 78% with C or higher  |
| 2. Service/repair renewable energy systems and assist engineers with the design of renewable systems by applying knowledge of electrical, electronics, mechanical, control systems and hydraulics/pneumatics concepts. | 75% of students pass with a C or better | Spring<br>EET 273 – final performance assessment & labs<br><del>RET 122 – final performance assessment &amp; labs</del> (not degree course) | Summer RET Department  | 78% with C or higher  |
| 3. Communicate effectively both at the individual level and within team settings.  | 75% of students pass with a C or better | Spring<br>RET 223 – final performance assessment and labs   | Summer RET Department  | 100% with C or higher |
| 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<br>RET 223 – final performance assessment and labs   | Summer RET Department  | 100% with C or higher |
| 5. Apply ethical and professional practice within the field of renewable energy.   | 75% of students pass with a C or better | Spring<br>RET 223 – final performance assessment and labs   | Summer RET Department  | 100% with C or higher |
| 6. Achieve success in continuing their education toward completion of a four-year degree in engineering technology or engineering should that be their goal.   | 75% of students pass with a C or better | Spring<br>EET 273 – final performance assessment and labs   | Summer RET Department  | 78% with C or higher  |

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Date: 10/2015