

Assessment: Course Four Column

SPRING/SUMMER 2015



El Camino: Course SLOs (IND) - Air Conditioning and Refrigeration

ECC: ACR 20:Solar Energy Applications-Photovoltaics and Solar Thermal

Course SLO	Assessment Method Description	Assessment Data & Analysis	Actions
<p>SLO #1 Parts of Solar Thermal Units - After reading the textbook and participating in class discussions, students will apply their knowledge of appropriate lab practices, concepts and theories by naming the parts of a Solar Thermal unit in correct sequence and know how a Solar Thermal unit converts solar energy into hot water. Naming the parts of a Photovoltaic (PV) unit in correct sequence and know how a PV unit converts solar energy into electrical energy.</p> <p>Course SLO Status: Active Course SLO Assessment Cycle: 2014-15 (Summer 2015) Input Date: 11/12/2013</p>	<p>Exam/Test/Quiz - Students assigned reading exercises and class room instruction on solar thermal system component identification and function.</p> <p>Standard and Target for Success: Student receive passing grade on solar thermal component identification and functions tests.</p> <p>Reviewer's Comments: Identification and function of solar components is required for job fulfillment.</p>	<p>Semester and Year Assessment Conducted: 2014-15 (Summer 2015) Standard Met? : Standard Met Students were given an assessment test which required each student to identify and describe the function of each component in a solar PV system. Each student was graded on there ability to correctly identify and assign component function. 83% of the students received a passing grade between 79% and 89%. 15% received a grade of 90% or higher and 2% received an unsatisfactory grade below 70% (10/08/2015) Faculty Assessment Leader: Tim Muckey Faculty Contributing to Assessment: Reviewer's Comments:</p>	<p>null.courseAction: Adding new resources for more hands on instruction and updating course materials to meet new industry standards (10/08/2016) Action Category: Curriculum Changes null.courseFollowUp: New course materials and resources have been added to program (10/08/2015)</p>

ECC: ACR 34:HVAC Customer Service

<i>Course SLO</i>	<i>Assessment Method Description</i>	<i>Assessment Data & Analysis</i>	<i>Actions</i>
<p>SLO #1 Irate Customer - After reading the textbook and participating in class discussions, students will apply their knowledge of appropriate communication skills to calm down an irate customer who is complaining that it took too long for the technician to arrive and it is very hot due to an air conditioning system not cooling</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2014-15 (Summer 2015)</p> <p>Input Date: 11/12/2013</p>	<p>Performance - Class room activity role play test</p> <p>Standard and Target for Success: 85% or better on customer relations evaluation</p>	<p>Semester and Year Assessment Conducted: 2014-15 (Summer 2015)</p> <p>Standard Met? : Standard Met</p> <p>85% of students received a 87% or better on evaluation. The remaining students received 75% or better on the evaluation. (10/08/2015)</p> <p>Faculty Assessment Leader: TimMuckey</p> <p>Faculty Contributing to Assessment:</p> <p>Reviewer's Comments:</p>	<p>null.courseAction: There is a need to add more personal profiling into the evaluation. (10/08/2016)</p> <p>Action Category: Teaching Strategies</p> <p>null.courseFollowUp: Have added online profiling resources to course. Added more in class room role playing to course. (10/08/2015)</p>