

Assessment: Course Four Column



Courses (CTE) - Electrical Systems Technology

ELM 121:Circuit Design

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Read and construct basic electrical - plan drawings - Read and construct basic electrical - plan drawings. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Exam consisting of plan search Criterion: Completion with 80% accuracy.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Student average was above 88%. (11/13/2018)</p>	
<p>Identify electrical - plan drawing and schematic drawing symbols - Identify electrical - plan drawing and schematic drawing symbols. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Exam - Test over symbol identification Criterion: Completion with 80% accuracy.</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Student average was above 90% for design (11/13/2018)</p>	
<p>Identify, and state the function and rating of single-pole, double-pole, three-way, four way, dimmer, photo, special and safety switches - Identify, and state the function and rating of single-pole, double-pole, three-way, four way, dimmer, photo, special and safety switches. Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Assessment - Individualized oral assessment Criterion: Pass or Fail accuracy</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 100% of students completed correctly (11/13/2018)</p>	
<p>Identify and state the function and rating of various types of receptacles - Identify and state the function and rating of various types of receptacles.</p>	<p>Exam - Exam consisting of NEMA identification Criterion: NA</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes Student average was 87% (11/13/2018)</p>	

<i>Course Outcomes</i>	<i>Assessment Measures</i>	<i>Results</i>	<i>Actions</i>
<p>Course Outcome Status: Active Next Assessment: 2022-2023</p>			
<p>Diagram and assemble a single - phase and three - phase electrical service and panel - Diagram and assemble a single - phase and three - phase electrical service and panel Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Assignment - Lab - Assigned Automation Studios computerized design Criterion: 90% + accuracy</p>	<p>Reporting Period: 2017-2018 Criterion Met: No 85% of students were able complete design accurately (11/13/2018)</p>	<p>Action: Additional student time outside of class might be necessary to support outcome. (11/13/2018)</p>
<p>Design and wire circuit with relay control - Design and wire circuit with relay control Course Outcome Status: Active Next Assessment: 2022-2023</p>	<p>Assignment - Project - Students will design a ladder diagram and a hands on wiring project Criterion: 90% + accuracy</p>	<p>Reporting Period: 2017-2018 Criterion Met: Yes 92% of students were able to complete the design and wire project correctly (11/13/2018)</p>	