



# Course Assessment Report - 4 Column

## Great Basin College

### Courses (CTE) - Electrical Systems Technology

Course Outcomes 1 and ctu.unitid = 700	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>ELM 122 - AC Theory - Electron Current Flow - Apply Electron Current Flow Theory</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quiz with all questions pertinent to Electron Flow Theory.</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> N/A</p>	<p>07/29/2015 - 100% correct answers</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2014-2015</p>	<p>07/29/2015 - Lab will reinforce theory understanding.</p>
<p>ELM 122 - AC Theory - Conventional Current Flow Theory - Recognize Conventional Current Flow Theory</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quiz with all questions pertinent to Electron Flow Theory.</p> <p><b>Criterion:</b> N/A</p>	<p>07/29/2015 - 100% correct answers</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2014-2015</p>	<p>07/29/2015 - Lab will reinforce theory understanding.</p>
<p>ELM 122 - AC Theory - Basic AC electrical properties - Calculate for basic AC electrical properties including the: Volt, Amp, Watt, Ohm, etc.</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> AC Circuit Challenge (computer based program) as part of AC Circuits Lab Requires a 100% for completion, contributing to the overall 30% Lab valuation</p> <p><b>Assessment Measure Category:</b> Assignment - Lab</p> <p><b>Criterion:</b> 90% class avg.</p>	<p>07/29/2015 - N/A</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2014-2015</p>	
<p>ELM 122 - AC Theory - Ohm's law to AC circuits - Apply Ohm's law to AC circuits requiring values of Resistance, Voltage, Current, Power.</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Electronic Workbench computer based program used by students to build basic AC circuits, and manipulating component values to observe Ohm's Law in action. Requires a 100% for completion, contributing to the overall 30% Lab</p> <p><b>Assessment Measure Category:</b> Assignment - Lab</p> <p><b>Criterion:</b> N/A</p>	<p>07/29/2015 - N/A</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2014-2015</p>	
<p>ELM 122 - AC Theory - open, closed, and short circuits - Identify open, closed, and short circuits</p>	<p><b>Assessment Measure:</b> Quiz on various types of AC Circuits when</p>	<p>07/29/2015 - 80%</p>	

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<p>in basic AC voltage circuits.</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p>exhibiting open, closed or shorted</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> Quiz on open closed and shorted AC Circuits: 80% class avg.</p>	<p><b>Criterion Met:</b> No</p> <p><b>Reporting Period:</b> 2014-2015</p>	<p>07/29/2015 - Spend more time teaching and emphasizing the importance of circuit identity importance.</p>
<p>ELM 122 - AC Theory - Kirchoff's principles - Learn and apply Kirchoff's principles to series and parallel AC circuits.</p> <p><b>Next Assessment:</b> 2019-2020</p> <p><b>Start Date:</b> 07/06/2015</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Kirchoff's AC in Action Video with quiz.</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> N/A</p>	<p>07/29/2015 - 100%</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2014-2015</p>	