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
ELM 122 - AC Theory - Electron Current Flow - Apply Electron Current Flow Theory **Next Assessment:** 2019-2020 **Start Date:** 07/06/2015 **Course Outcome Status:** Active	**Assessment Measure:** Quiz with all questions pertinent to Electron Flow Theory. **Assessment Measure Category:** Quiz **Criterion:** N/A	07/29/2015 - 100% correct answers **Criterion Met:** Yes **Reporting Period:** 2014-2015	07/29/2015 - Lab will reinforce theory understanding.
ELM 122 - AC Theory - Conventional Current Flow Theory - Recognize Conventional Current Flow Theory **Next Assessment:** 2019-2020 **Start Date:** 07/06/2015 **Course Outcome Status:** Active	**Assessment Measure:** Quiz with all questions pertinent to Electron Flow Theory. **Criterion:** N/A	07/29/2015 - 100% correct answers **Criterion Met:** Yes **Reporting Period:** 2014-2015	07/29/2015 - Lab will reinforce theory understanding.
ELM 122 - AC Theory - Basic AC electrical properties - Calculate for basic AC electrical properties including the: Volt, Amp, Watt, Ohm, etc. **Next Assessment:** 2019-2020 **Start Date:** 07/06/2015 **Course Outcome Status:** Active	**Assessment Measure:** AC Circuit Challenge (computer based program) as part of AC Circuits Lab Requires a 100% for completion, contributing to the overall 30% Lab valuation **Assessment Measure Category:** Assignment - Lab **Criterion:** 90% class avg.	07/29/2015 - N/A **Criterion Met:** Yes **Reporting Period:** 2014-2015	
ELM 122 - AC Theory - Ohm's law to AC circuits - Apply Ohm's law to AC circuits requiring values of Resistance, Voltage, Current, Power. **Next Assessment:** 2019-2020 **Start Date:** 07/06/2015 **Course Outcome Status:** Active	**Assessment Measure:** 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 **Assessment Measure Category:** Assignment - Lab **Criterion:** N/A	07/29/2015 - N/A **Criterion Met:** Yes **Reporting Period:** 2014-2015	
ELM 122 - AC Theory - open, closed, and short circuits - Identify open, closed, and short circuits	**Assessment Measure:** Quiz on various types of AC Circuits when	07/29/2015 - 80%	

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