



# Course Assessment Report - 4 Column

## Great Basin College

### Courses (CTE) - Electrical Technology

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Courses (CTE) - Electrical Technology - ELM 112 - Electrical Theory, Dc - DC Theory, is the introductory class for the students - This class, DC Theory, is the introductory class for the students for the school year. It is the basic building block upon which all electrical theory is based. Its importance cannot be overstated. To meet this basic understanding need, I use a variety of informational sources including the main Text Book, on line information of the subject, military manuals on electrical theory, and mining information on electrical theory and/or hazards.</p> <p>(Created By Courses (CTE) - Electrical Technology)</p> <p><b>Next Assessment:</b> 2018-2019</p> <p><b>Start Date:</b> 06/23/2014</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Class participation is one of the primary methods of assessment in this subject. DC theory problems are drawn on the board in series and parallel and all students are required to participate in solving for unknown variables. This hands on method is a valuable tool for measuring student knowledge and commitment.</p> <p><b>Assessment Measure Category:</b> Written Test/Exam</p> <p><b>Criterion:</b> A variety of tests from the principal Text, Delmars, review questions, quizzes on material studied as well as handouts and classroom discussions</p>	<p>11/20/2014 - This subject, ELM 112 DC Theory, was covered in depth. Classroom participation was a great method for learning, keeping all students involved and discovering any areas that needed additional work.</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>11/20/2014 - My results from this year have proven to me that additional reference material from all types of electrical work , industrial, residential, commercial, mining, etc. cannot be overemphasized. I will work on having the students gain a greater understanding of DC Theory as it pertains to protective devices for equipment and personnel</p>
<p>Courses (CTE) - Electrical Technology - ELM 112 - Electrical Theory, Dc - Electrical requirements of the Code of Federal Regulations/ 30 - A significant number of our graduates are interested in employment in the mining industry. To meet this need, I have focused on the electrical requirements of the Code of Federal Regulations/ 30 which deals directly with electrical requirements for meta/non-metal operations. A great amount of material is presented on DC Theory. (Created By Courses (CTE) - Electrical Technology)</p> <p><b>Next Assessment:</b> 2018-2019</p> <p><b>Start Date:</b> 06/23/2014</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Tests from CFR 30, exposure to MSHA Fatalgrams from incorrectly performed electrical work, mining or industrial related tests base upon classroom hand outs and discussions.</p> <p><b>Assessment Measure Category:</b> Written Test/Exam</p> <p><b>Criterion:</b> Successful completion of series of electrical tests used in the MSHA Electrical Inspectors Handbook, other subject matter related exams.</p>	<p>11/20/2014 - The students responded well to the information presented on electrical mining. Classroom discussions on expectation from supervisors/foreman was a favorite subject. All students were eager to know what knowledge would be expected from them and what they could do to expedite their advancement and obtain improved performance reviews.</p> <p><b>Criterion Met:</b> N/A</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>11/20/2014 - To meet the ever changing demands of the mining electrician, I will remain involved in Annual MSHA Electrical Refresher Training as I am an MSHA Electrical Instructor (1988) and continue to hold MSHA classes to allow new electricians to achieve their Federal Electrical Certification through MSHA testing.</p>