



Course Assessment Report - 4 Column

Great Basin College

Courses (MATH) - Math

Course Outcomes 1 and ctu.unitid = 653	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>MATH 116-Challenge - Technical Mathematics I - Decimals-exact and approximate numbers - Work with decimals and understand the difference between exact and approximate numbers.</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 09/11/2013</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final Challenge Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 85% Passing rate (Note: In agreement with the Math department this challenge exam has a passing score of 75% not 70%, or in terms of letter grades a passing grade of C or better not C- or better.)</p>	<p>07/30/2015 - Millwright – 100% Welding – 89% Diesel – 50% Electrical – 78% Yes for two programs and no on the other two.</p> <p>Criterion Met: Yes and No</p> <p>Reporting Period: 2014-2015</p>	<p>07/30/2015 - Fractions still continue to be the prevailing problem area for students, next year I hope to incorporate some of the online modules developed by our instructional design faculty.</p>
<p>MATH 116-Challenge - Technical Mathematics I - Practical problems involving ratios and proportions - Recognize and resolve practical problems involving ratios and proportions.</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 09/11/2013</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final Challenge Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 85% Passing rate (Note: In agreement with the Math department this challenge exam has a passing score of 75% not 70%, or in terms of letter grades a passing grade of C or better not C- or better.)</p>	<p>07/30/2015 - Millwright – 100% Welding – 89% Diesel – 50% Electrical – 78% Yes for two programs and no on the other two.</p> <p>Criterion Met: Yes and No</p> <p>Reporting Period: 2014-2015</p>	
<p>MATH 116-Challenge - Technical Mathematics I - Area and perimeter of geometric shapes - Determine the area and perimeter of geometric shapes.</p> <p>Next Assessment: 2012-2013</p> <p>Start Date: 09/11/2013</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final Challenge Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 85% Passing rate</p>	<p>07/30/2015 - Millwright – 100% Welding – 89% Diesel – 50% Electrical – 78% Yes for two programs and no on the other two.</p> <p>Criterion Met: Yes and No</p> <p>Reporting Period: 2014-2015</p>	<p>07/30/2015 - I will need to spend some more time working with the students to recognize shapes, and how to manipulate area and volume formulas to solve for unknowns. I've also noted that there are a number of students that are having difficulties with exponents and in turn the square</p>
<p>MATH 116-Challenge - Technical Mathematics I - Practical problems involving algebraic expressions - Determine and solve practical problems involving algebraic expressions.</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 10/29/2013</p> <p>Course Outcome Status:</p>	<p>Assessment Measure: Final Challenge Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 85% Passing rate</p>	<p>07/30/2015 - Millwright – 100% Welding – 89% Diesel – 50% Electrical – 78% Yes for two programs and no on the other two.</p> <p>Criterion Met: Yes and No</p> <p>Reporting Period:</p>	<p>07/30/2015 - In order to help serve the Diesel program students better on this outcome I'd like to employ the use of online formative and summative assessments. Additionally, I'd like to have them do weekly assignments, with the intent being they continue to work on their math skills throughout the course.</p>

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Active		2014-2015	
<p>MATH 116-Challenge - Technical Mathematics I - Parameters of right triangles using trigonometry - Determine the parameters of right triangles using trigonometry.</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 10/29/2013</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final Challenge Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 85% Passing rate</p>	<p>07/30/2015 - Millwright – 100% Welding – 89% Diesel – 50% Electrical – 78%</p> <p>Yes for two programs and no on the other two.</p> <p>Criterion Met: Yes and No</p> <p>Reporting Period: 2014-2015</p>	