



Course Assessment Report - 4 Column

Great Basin College

Courses (MATH) - Math

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>MATH 096 - Intermediate Algebra - LINEAR EQUATIONS - LINEAR EQUATIONS, INEQUALITIES: solve linear and absolute value inequalities, identifying trivial situations; recognize problems that involve factoring and apply the process; graph linear equations and inequalities</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Quiz 1, Test 1, Final Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 70% mastery on Final</p>	<p>12/15/2014 - No troubles, although their scores with absolute value inequalities were lower than with the others.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>MATH 096 - Intermediate Algebra - RATIONAL FUNCTIONS - RATIONAL FUNCTIONS: perform operations on and simplify rational functions</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Quiz 2, Test 1, Final Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 60% mastery on Final Exam</p>	<p>12/15/2014 - Students always have trouble adding/subtracting rational functions and simplifying complex fractions. Overall they did well by the final, but it was definitely harder for them.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>MATH 096 - Intermediate Algebra - RADICALS - RADICALS: simplify radicals with any index; perform operations on radicals; recognize when a denominator must be rationalized and perform the task</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Quizzes 3 and 4, Test 2, Final Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 60% mastery on Final Exam</p>	<p>12/15/2014 - The only thing they struggled with was solving equations having two radical terms and a numerical term.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>MATH 096 - Intermediate Algebra - FUNCTIONS, QUADRATICS - FUNCTIONS, QUADRATICS: be familiar with function notation; solve quadratic equations by the most convenient method;</p> <p>Next Assessment: 2018-2019</p>	<p>Assessment Measure: Quizzes 5 and 6, Test 3, Final Exam</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: 70% mastery by the Final Exam</p>	<p>12/15/2014 - Several students struggled completing squares; some had trouble with the quadratic formula – notably those who placed into M96.</p> <p>Criterion Met: Yes</p>	<p>12/15/2014 - Add more examples of the solving of quadratics...perhaps online tutoring.</p>

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Start Date: 06/23/2014		Reporting Period: 2013-2014	
Course Outcome Status: Active			
MATH 096 - Intermediate Algebra - SYSTEMS OF LINEAR EQUATIONS - SYSTEMS OF LINEAR EQUATIONS: solve a system of linear equations by the most convenient method Next Assessment: 2018-2019 Start Date: 06/23/2014	Assessment Measure: Quiz 4, Test 2, Final Exam Assessment Measure Category: Exam Criterion: 70% mastery by the final exam	12/15/2014 - Students preferred Elimination to Substitution but generally were able to solve either way. Criterion Met: Yes Reporting Period: 2013-2014	
Course Outcome Status: Active			
MATH 096 - Intermediate Algebra - APPLICATIONS - APPLICATIONS: make applications of certain course material Next Assessment: 2018-2019 Start Date: 06/23/2014 Course Outcome Status: Active	Assessment Measure: All three tests, Final Exam Assessment Measure Category: Exam Criterion: 60% mastery by the final exam	12/15/2014 - Students did not like the applications of quadratic equations, but this is typical. They were also displeased with Mixture Problems and Rate Problems. Criterion Met: Yes Reporting Period: 2013-2014	12/15/2014 - Students barely met the criterion. I believe I must direct them to online examples, since they are not getting enough in class. Follow-Up: 12/15/2014 - Seven students began the course. One, who had a high "A", dropped soon for job reasons. Of the six remaining, one was distracted by personal matters and did not pay attention during the second half of the course; that student failed. The other students passed. Following them up, each of the students who went on to MATH 120 afterward is currently passing MATH 120.