



Course Assessment Report - 4 Column

Great Basin College

Courses (MATH) - Math

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>MATH 097 - Elem & Intermediate Algeb - Graph equations in rectangular coordinates by plotting points. - Graph equations in rectangular coordinates by plotting points.</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Chapter 2 Section 1 Video lesson.</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: A 70% or above class average will consider the outcome achieved.</p>	<p>12/29/2014 - Class average was 86.7%</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	<p>12/29/2014 - The instructional materials for this outcome will be retained.</p>
<p>MATH 097 - Elem & Intermediate Algeb - Simplify polynomial expressions - Simplify polynomial expressions</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Chapter 5 Section 4 practice assessment and video lesson.</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: A 70% or above class average will consider the outcome achieved.</p>	<p>12/29/2014 - Class averages were 85.3% and 82.5% respectively.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	<p>12/29/2014 - The instructional materials for this outcome will be retained.</p>
<p>MATH 097 - Elem & Intermediate Algeb - Linear equations - Solve a system of linear equations by the most convenient method</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Chapter 4 Sections 1, 2, 3 practice assessments and video lessons.</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: A 70% or above class average will consider the outcome achieved.</p>	<p>12/29/2014 - A 92.5% on practice assessments and 90.0%, 88.8% and 86.3% were scored on video assessments.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	<p>12/29/2014 - The instructional materials for this outcome will be retained.</p>
<p>MATH 097 - Elem & Intermediate Algeb - Apply systems of linear equations - Apply systems of linear equations (may include rate problems, mixture problems, geometry problems, investment problems)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Chapter 4 Section 6 practice assessment and video lesson.</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: 70% of the students will answer the questions correctly.</p>	<p>12/29/2014 - Class averages were 55.0% and 70.0% respectively.</p> <p>Criterion Met: No</p> <p>Reporting Period: 2013-2014</p>	<p>12/29/2014 - Supplemental material and different approaches to the topic will be reviewed and added.</p>
<p>MATH 097 - Elem & Intermediate Algeb - Slope of a line; use slopes to find parallel and perpendicular lines - Find the slope of a line; use slopes to find parallel and perpendicular lines</p>	<p>Assessment Measure: Chapter 2 Section 5 practice assessment and video lesson.</p>	<p>12/29/2014 - Class averages were 74.4% and 75.0% respectively.</p> <p>Criterion Met:</p>	<p>12/29/2014 - The instructional materials for this outcome will be retained.</p>

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<p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: 70% of the students will answer the questions correctly.</p>	<p>Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>MATH 097 - Elem & Intermediate Algeb - Wuadratic equations by factoring - Solve quadratic equations by factoring, the square root property, and the quadratic formula</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/23/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Chapter 9 Sections 1, 2, 3, 4 practice assessments and video lessons.</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: 70% of the students will answer the questions correctly.</p>	<p>12/29/2014 - Class averages for the practice assessments were 81.9%, 85.3%, 82.0% for practice assessments and 81.3%, 86.3%, 75.0% for video lessons.</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	<p>12/29/2014 - The instructional materials for this outcome will be retained.</p> <p>Follow-Up: 12/29/2014 - The Math 097 course was piloted this semester online using Open Educational Resources (OER) in conjunction with Lumen Learning and the My Open Math platform. The OER materials were incorporated into the GBC WebCampus learning management system. The number of resources and instructional material was overwhelming at first. I was afraid, at first, that students would become 'overloaded' at the number of assignments associated with each topic, but was quick to see that students adapted quickly to materials and presentation platform. The ease of adding supplemental material was under-utilized by myself and will incorporate more personal example of material for future classes. Response for the course was favorable with student comments such as the following "Thank you so much for working with me in this class. I had a great time and feel like I learned a lot. Thank you again for making it possible for me to take and pass this class.". There was a 27% failure rate (7/26) due to what I feel is the lack of understanding on the student's part of the self-discipline and motivation to complete an accelerated, five credit class in one semester. The majority of the failing grades were the result of not handing in assignments by the scheduled due dates.</p> <p>Percentage were based upon 26 students.</p>

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