

Course Assessment Report - 4 Column

Great Basin College Courses (MATH) - Math

| Course Outcomes | Means of Assessment & Criteria / Tasks | Results | Action & Follow-Up |
|---|--|---|--|
| <p>Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Graph basic functions - Graph basic functions including $y=x^2$, $y=\sqrt{x}$, $y=x^3$, $y=\frac{1}{x}$, $y=\sqrt[3]{x}$, $y= x$ (Created By Courses (MATH) - Math)</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 05/18/2012</p> <p>Course Outcome Status: Active</p> | <p>Assessment Measure: Chapters 1 & 2 exam</p> <p>Assessment Measure Category: Written Test/Exam</p> | <p>05/18/2012 - #10 parabola (matching) a. 23.5%, b. 17.6%, c. 17.6%, d. 5.88%, e. 23.5%</p> <p>#13 parabola 82%</p> <p>#15 absolute value 76.5%</p> <p>#16 square root 70.6%</p> <p>#17 cubic a. 5.88%, b. 23.5%, c. 5.88%, d. 11.82%, e. 29.4%, f. 17.6%</p> <p>Criterion Met: N/A</p> <p>Reporting Period: 2011-2012</p> | <p>05/18/2012 - Overall student success was generally good (70% or better); however, problems that involved matching had a much lower success rate, often below 30%.</p> <hr/> |
| <p>Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Sketch graphs of trigonometric functions - Sketch the graphs of the six basic trigonometric functions and these graphs with horizontal/vertical shifts, stretches/compressions, and reflections (Created By Courses (MATH) - Math)</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 05/18/2012</p> <p>Course Outcome Status: Active</p> | <p>Assessment Measure: Chapters 3 & 4 Exam</p> <p>Assessment Measure Category: Written Test/Exam</p> | <p>05/18/2012 - #18 cosine and sine (matching) a. 28.6 %, b. 14.3% c. 14.3%, d. 21.4%</p> <p>#20 secant 71.4%</p> <p>#21 tangent 76.9%</p> <p>Criterion Met: N/A</p> <p>Reporting Period: 2011-2012</p> | |
| <p>Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Exponential function - Sketch the graph of an exponential function (Created By Courses (MATH) - Math)</p> <p>Next Assessment: 2016-2017</p> <p>Start Date: 05/18/2012</p> <p>Course Outcome Status: Active</p> | <p>Assessment Measure: Chapters 5 & 6 Exam</p> <p>Assessment Measure Category: Written Test/Exam</p> | <p>05/18/2012 - Chapters 5 & 6 Exam</p> <p>#1 80%</p> <p>#2 90%</p> <p>#3 90%</p> <p>#25 70%</p> <p>Criterion Met:</p> | |

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| 05/18/2012 Course Outcome Status: Active | | N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Logarithmic function - Sketch the graph of a logarithmic function (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure: Chapters 5 & 6 Exam Assessment Measure Category: Written Test/Exam | 05/18/2012 - Chapters 5 & 6 Exam #5 90% #6 (matching) a. 30%, b. 40%, c. 26%, d. 20% Criterion Met: N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Polynomial - Sketch the graph of a polynomial function (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure: Chapters 3 & 4 Exam Assessment Measure Category: Written Test/Exam | 05/18/2012 - Chapters 3 & 4 Exam #1 64.3% #2 (matching) a. 35.7%, b. 21.4%, c. 28.6%, d. 35.7% #3 78.6% Criterion Met: N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Rational function - Sketch the graph of a rational function (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure: Chapters 3 & 4 Exam Assessment Measure Category: Written Test/Exam | 05/18/2012 - #10 78.6% #11 78.6% Criterion Met: N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Conic | Assessment Measure: Chapters 5 & 6 Exam | 05/18/2012 - Chapters 5 & 6 Exam | |

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|---|--|---|--------------------|
| sections - Sketch the graph of conic sections (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure Category: Written Test/Exam | #12 parabola #14 ellipse 80% #16 ellipse 80% #17 hyperbola 90% #18 hyperbola 80% Criterion Met: N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Polar equations - Sketch the graph of polar equations (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure: #21 7(cardioid) 70% Assessment Measure Category: Written Test/Exam | 05/18/2012 - #21 7(cardioid) 70% Criterion Met: N/A Reporting Period: 2011-2012 | |
| Courses (MATH) - Math - MATH 128 - Precalculus and Trigonometry - Parametric equations - Sketch the graph of parametric equations (Created By Courses (MATH) - Math) Next Assessment: 2016-2017 Start Date: 05/18/2012 Course Outcome Status: Active | Assessment Measure: #24 a. 90%, b. 80%, c. 80%, d. 40% Assessment Measure Category: Written Test/Exam | 05/18/2012 - #24 a. 90%, b. 80%, c. 80%, d. 40% Criterion Met: N/A Reporting Period: 2011-2012 | |