



# Course Assessment Report - 4 Column

## Great Basin College

### Courses (SCI) - Chemistry

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Environmental Chemistry - Demonstrate how chemistry is used to understand and explain many of today's environmental problems. (Created By Courses (SCI) - Chemistry)</p> <p><b>Next Assessment:</b> 2016-2017</p> <p><b>Start Date:</b> 05/18/2012</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quizzes 1, 2, 3, 5, 6</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> 70% or greater</p>	<p>09/04/2014 - The average on Quiz 1 was an 87%. The average on Quiz 2 was an 81% The average on Quiz 3 was a 77% The average on Quiz 5 was an 87% The average on quiz 6 was an 80%</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>09/04/2014 - Produce videos in the lecture capture studio to help students with quantitative problems.</p> <hr/>
<p>Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Potential Energy Sources - Chemically analyze current and potential energy sources. (Created By Courses (SCI) - Chemistry)</p> <p><b>Next Assessment:</b> 2016-2017</p> <p><b>Start Date:</b> 05/18/2012</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quizzes 4, 7, 8</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> 70% or greater</p>	<p>09/04/2014 - The average on Quiz 4 was an 84% The average on Quiz 7 was an 83% The average on Quiz 8 was a 78%</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>09/04/2014 - Produce videos in the lecture capture studio to help students with quantitative problems.</p> <hr/>
<p>Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Developmental Chemistry - Analyze how chemistry is applied in the development of medicines, plastics and polymers. (Created By Courses (SCI) - Chemistry)</p> <p><b>Next Assessment:</b> 2016-2017</p> <p><b>Start Date:</b> 05/18/2012</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quizzes 9 and 10</p> <p><b>Assessment Measure Category:</b> Exam/Quiz - Standardized</p> <p><b>Criterion:</b> at least a 70% average</p>	<p>09/04/2014 - The average of quiz 9 was an 82. The average of Quiz 10 was an 82%.</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>09/04/2014 - Produce videos in the lecture capture studio to help students with quantitative problems. Adopting a new textbook to include more examples and online interactive homework assignments.</p> <hr/>
<p>Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Nutritional Chemistry - Analyze the chemistry of nutrition. (Created By Courses (SCI) - Chemistry)</p> <p><b>Next Assessment:</b> 2016-2017</p> <p><b>Start Date:</b> 05/18/2012</p> <p><b>Course Outcome Status:</b> Active</p>	<p><b>Assessment Measure:</b> Quiz 11, Nutrition Gizmo</p> <p><b>Assessment Measure Category:</b> Quiz</p> <p><b>Criterion:</b> at least a 70% average</p>	<p>09/04/2014 - The average for the Nutrition Gizmo was a 98% Woo-hoo! The average of Quiz 11 was an 89%</p> <p><b>Criterion Met:</b> Yes</p> <p><b>Reporting Period:</b> 2013-2014</p>	<p>09/04/2014 - Adopting a new textbook to include more examples and online interactive homework assignments.</p> <hr/>

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Active			
Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Chemical Reactions - Analyze various types of chemical reactions. (Created By Courses (SCI) - Chemistry) <b>Next Assessment:</b> 2016-2017 <b>Start Date:</b> 05/18/2012 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Quiz 8 <b>Assessment Measure Category:</b> Quiz <b>Criterion:</b> 70% or greater	09/04/2014 - The average on Quiz 8 was a 78% <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2013-2014	09/04/2014 - Adopting a new textbook to include more examples and online interactive homework assignments.
Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Genetic Engineering - Demonstrate and analyze how genetic engineering is used in our society. (Created By Courses (SCI) - Chemistry) <b>Next Assessment:</b> 2016-2017 <b>Start Date:</b> 05/18/2012 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Quiz 12 <b>Assessment Measure Category:</b> Quiz <b>Criterion:</b> 70% or greater	09/04/2014 - The average on Quiz 12 was an 83% <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2013-2014	09/04/2014 - Adopting a new textbook to include more examples and online interactive homework assignments. Produce mini-lectures using the lecture capture studio.
Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Analyze and interpret graphs - Analyze and interpret graphs (Created By Courses (SCI) - Chemistry) <b>Next Assessment:</b> 2016-2017 <b>Start Date:</b> 12/17/2013 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Graphing Skills Gizmo <b>Assessment Measure Category:</b> Assignment - Project <b>Criterion:</b> 70% or greater	09/05/2014 - The average of the graphing skills gizmo was a 96% <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2013-2014	09/05/2014 - Adopting the Mastering Chemistry homework assignments will challenge student more compared to Gizmos.
Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Basic lab and measurement skills - Demonstrate knowledge of basic lab and measurement skills (Created By Courses (SCI) - Chemistry) <b>Next Assessment:</b> 2016-2017 <b>Start Date:</b> 12/17/2013 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Measurement Gizmo <b>Assessment Measure Category:</b> Assignment - Project <b>Criterion:</b> 70% or greater	09/05/2014 - The average of all the Gizmos was a 94%!! <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2013-2014	09/05/2014 - Create video lab demonstrations. Use more interactive lab assignments.  Adopting the Mastering Chemistry homework assignments will challenge student more compared to Gizmos.
Courses (SCI) - Chemistry - CHEM 100 - Molecules/Life Modrn Wrld - Lewis Structures - Write Lewis Structures for molecules with ionic and covalent bonds (Created By Courses (SCI) -	<b>Assessment Measure:</b> Covalent Bond Gizmo Ionic Bond Gizmo	09/05/2014 - The average on the Colvalent Bond Gizmo was a 93% and the average on the Ionic Bond Gizmo was a also a 93% <b>Criterion Met:</b>	09/05/2014 - Incorporate mini-lectures for quantitative problems. Adopting the Mastering Chemistry homework assignments will challenge

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Chemistry) <b>Next Assessment:</b> 2016-2017 <b>Start Date:</b> 12/17/2013 <b>Course Outcome Status:</b> Active	<b>Assessment Measure Category:</b> Assignment - Project <b>Criterion:</b> 70% or greater	Yes <b>Reporting Period:</b> 2013-2014	student more compared to Gizmos.  <b>Follow-Up:</b> 09/05/2014 - Redeveloping CHEM 100 using Pearson's Timberlake and Timberlake textbook and Mastering Chemistry for the FALL 2014 semester. Already filming mini-lectures using lecture capture technology to incorporate into the weekly learning modules. Outcomes will be linked to formative and summative assessments in Mastering Chemistry. I'm excited about this course again and ready to freshen it up!  <hr/>