



Course Assessment Report - 4 Column

Great Basin College

Courses (SCI) - Chemistry

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Identify types of matter and perform calculations - Identify types of matter and perform calculations using their properties in the correct units (Created By Courses (SCI) - Chemistry) Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active	Assessment Measure: Exam 1, final (multiple questions) Assessment Measure Category: Exam Criterion: >70% correct	09/05/2014 - 79.6 Criterion Met: Yes Reporting Period: 2013-2014	
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Perform calculations - Perform calculations with, name and differentiate between atoms, elements, ions, and compounds and their subatomic parts (Created By Courses (SCI) - Chemistry) Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active	Assessment Measure: Exam 1, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 85.8 Criterion Met: Yes Reporting Period: 2013-2014	
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Stoichiometry calculations - Perform stoichiometry calculations including balancing chemical equations (Created By Courses (SCI) - Chemistry) Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active	Assessment Measure: Exam 1, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 79.6 Criterion Met: Yes Reporting Period: 2013-2014	
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Solve problems using chemical-equation - Solve problems using chemical-equation-based quantitative reasoning (Created By Courses (SCI) - Chemistry) Next Assessment: 2018-2019 Start Date: 09/05/2014	Assessment Measure: Exam 2, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 78.8 Criterion Met: Yes Reporting Period: 2013-2014	

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
Course Outcome Status: Active Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Solve problems using properties and quantitative relationships involving gases - Solve problems using properties and quantitative relationships involving gases (Created By Courses (SCI) - Chemistry)	Assessment Measure: Exam 2, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 82.3 Criterion Met: Yes Reporting Period: 2013-2014	
Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active			
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Quantitative relationships related to heat, work, and thermochemistry - Solve problems using quantitative relationships related to heat, work, and thermochemistry (Created By Courses (SCI) - Chemistry)	Assessment Measure: Exam 2, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 76.2 Criterion Met: Yes Reporting Period: 2013-2014	
Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active			
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Atomic structure - Solve problems involving atomic structure (including elementary quantum mechanics) (Created By Courses (SCI) - Chemistry)	Assessment Measure: Exam 3, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/05/2014 - 84.3 Criterion Met: Yes Reporting Period: 2013-2014	
Next Assessment: 2018-2019 Start Date: 09/05/2014 Course Outcome Status: Active		09/05/2014 - 70 Criterion Met: Yes Reporting Period: 2013-2014	
Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Molecular structure and Lewis Theory - Solving problems involving molecular structure and Lewis Theory (Created By Courses (SCI) - Chemistry)	Assessment Measure: Exam 3, final (multiple questions) Assessment Measure Category: Exam Criterion: >70%	09/18/2014 - 56.4 Criterion Met: No Reporting Period: 2013-2014	
Next Assessment: 2018-2019 Start Date: 09/18/2014 Course Outcome Status: Active			

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Solve problems involving molecular structure and behavior - Solve problems involving molecular structure and behavior (involving bonding theories besides Lewis) (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 09/18/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final (multiple questions)</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: >70%</p>	<p>09/18/2014 - 80.2</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Bulk behavior of matter (intermolecular forces, liquids, solids, etc) - Solve problems involving the bulk behavior of matter (intermolecular forces, liquids, solids, etc) (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 09/18/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: Final (multiple questions)</p> <p>Assessment Measure Category: Exam</p> <p>Criterion: >70%</p>	<p>09/18/2014 - 85.4</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - students will clearly communicate scientific information in written form - Students will clearly communicate scientific information in written form, students will be able to read about and communicate scientific ideas (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 09/18/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: written lab reports discussions term paper on a famous chemist</p> <p>Assessment Measure Category: Discussion, homework, papers</p> <p>Criterion: >70% aggregate on these assignments</p>	<p>09/18/2014 - 84.9</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Reasoning and Independent Thought - Reasoning and Independent Thought: Students will use reasoning and independent thought to complete laboratory experiments and answer exam questions (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/19/2014</p> <p>Course Outcome Status:</p>	<p>Assessment Measure: Nearly the entire course--- Use the objective scores above, plus labs --- this adds up to over 80%</p> <p>Assessment Measure Category: Assignment - Lab</p> <p>Criterion: 70%</p>	<p>10/02/2014 - Use the objective scores above, plus labs - -- this adds up to over 80%</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	

Course Outcomes	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
<p>Active</p> <p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Sense of the Past - Sense of the Past- Students will communicate an understanding of how chemical knowledge was discovered and how this knowledge has changed society and their lives (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 10/16/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: term paper on a famous chemist</p> <p>Assessment Measure Category: Assignment - Written</p>	<p>10/02/2014 - 96%</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Technological Understanding - Technological Understanding Students will use technical equipment to make measurements during labs. (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/19/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: n/a</p> <p>Criterion: 70%</p>	<p>10/02/2014 - 77.6%</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	
<p>Courses (SCI) - Chemistry - CHEM 121 - General Chemistry I - Solve problems involving chemical equation based reasoning - Solve problems involving chemical equation based reasoning (including solution stoichiometry and behavior) (Created By Courses (SCI) - Chemistry)</p> <p>Next Assessment: 2018-2019</p> <p>Start Date: 06/19/2014</p> <p>Course Outcome Status: Active</p>	<p>Assessment Measure: final (multiple questions)</p> <p>Assessment Measure Category: Assignment - Written</p> <p>Criterion: 70%</p>	<p>10/02/2014 - 93.8%</p> <p>Criterion Met: Yes</p> <p>Reporting Period: 2013-2014</p>	