



# Course Assessment Report - 4 Column

## Great Basin College

### Courses (SCI) - Biology

Course Outcomes 1 and ctu.unitid = 659	Means of Assessment & Criteria / Tasks	Results	Action & Follow-Up
BIOL 190 HOGAN - Cell and Molecular Biology - Define Life - Define Life <b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Objective Exam Questions  <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> Class average to be 80% or above	11/12/2015 - Class average 75.1% <b>Criterion Met:</b> No <b>Reporting Period:</b> 2014-2015	11/12/2015 - The exam questions assessing this outcome utilize new scenarios to which students apply what they have learned. I feel they need more experience with this type of question before the exam. I will develop several and add them into existing course work.
BIOL 190 HOGAN - Cell and Molecular Biology - Compare and Contrast Mitosis and Meiosis - Compare and Contrast Mitosis and Meiosis <b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Objective Exam Questions <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> Class average of 80%	11/12/2015 - Class average of 82.0% <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2014-2015	11/12/2015 - The criterion was nearly met. This outcome is very well supported by existing course work. I will review the exam and consider editing the content
BIOL 190 HOGAN - Cell and Molecular Biology - Basic Energy Metabolism of Living Things - Describe Basic Energy Metabolism of Living Things <b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Objective Exam Questions <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> Class average of 80%	11/12/2015 - Class average of 71.2% <b>Criterion Met:</b> No <b>Reporting Period:</b> 2014-2015	11/12/2015 - Photosynthesis and Cellular Respiration are complex processes. I am pleased 70% of the class met this criterion. I will continue to strive for 80% by trying to reach every student. This exam produces a very A/F grade distribution, I need to reach the Fs.
BIOL 190 HOGAN - Cell and Molecular Biology - Systems of Heredity - Describe Systems of Heredity <b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Objective Exam Questions <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> Class average of 80%	11/12/2015 - Class average of 69.5% <b>Criterion Met:</b> No <b>Reporting Period:</b> 2014-2015	11/12/2015 - Normally this outcome is well met. Next semester I will keep this results in mind and be careful to make
BIOL 190 HOGAN - Cell and Molecular Biology - Chemistry of Living Things - Describe the Chemistry of Living Things	<b>Assessment Measure:</b> Objective Exam Questions <b>Assessment Measure Category:</b>	11/12/2015 - Class average 78.7% <b>Criterion Met:</b> No	11/12/2015 - Students consistently find biochemistry difficult to master and as with Photosynthesis and cellular

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<b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	Exam <b>Criterion:</b> Class average of 80%	<b>Reporting Period:</b> 2014-2015	respiration I am not disappointed with a 70% average. As with P&CR I will continue to reach every student, lots of Socratic questioning, see #3 above
BIOL 190 HOGAN - Cell and Molecular Biology - Function of Cell Organelles - Outline the Function of Cell Organelles <b>Next Assessment:</b> 2018-2019 <b>Start Date:</b> 10/09/2014 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Objective Exam Questions <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> n/a	11/12/2015 - Class average 87.0% <b>Criterion Met:</b> N/A <b>Reporting Period:</b> 2014-2015	
BIOL 190 HOGAN - Cell and Molecular Biology - Technological Understanding - Technological Understanding. Students will demonstrate technological proficiency. <b>Next Assessment:</b> 2020-2021 <b>Start Date:</b> 11/12/2015 <b>Course Outcome Status:</b> Active	<b>Assessment Measure:</b> Students demonstrated proficiency by utilizing computer based testing tools <b>Assessment Measure Category:</b> Exam <b>Criterion:</b> N/A	11/12/2015 - 100% of students used computer based testing tools. <b>Criterion Met:</b> Yes <b>Reporting Period:</b> 2014-2015	11/12/2015 - : I am disappointed with the results reported. The results do reflect significant learning. I will use this model of assessment next Fall and Spring. I will look at the combined results and develop a specific action plan at that point.