

# Course Assessment Report - 4 Column

## Great Basin College

### Courses (SCI) - Natural Res and Env Sci

| Course Outcomes   | Means of Assessment & Criteria / Tasks  | Results   | Action & Follow-Up  |
|---|---|---|---|
| <p>Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Rangeland ecosystems - Describe the core parts of a rangeland ecosystem (Created By Courses (SCI) - Natural Res and Env Sci)</p> <p><b>Next Assessment:</b><br/>2016-2017</p> <p><b>Start Date:</b><br/>05/18/2012</p> <p><b>Course Outcome Status:</b><br/>Active</p>                      | <p><b>Assessment Measure:</b><br/>Quizzes and Tests<br/>Test 1 Q6, 9-11,13-14, 16, 17, 19, 20, 23-25, 27, 40, 45, 54</p> <p><b>Assessment Measure Category:</b><br/>Exam/Quiz - Standardized</p> <p><b>Criterion:</b><br/>N/A</p>   | <p>05/18/2012 - Test 1: Mean score = 80.67, mean discrimination = 0.23</p> <p><b>Criterion Met:</b><br/>Yes</p> <p><b>Reporting Period:</b><br/>2011-2012</p>   | <p>05/18/2012 - Add outcome of "Complete research on rangeland vegetation and present orally your findings" as many test questions on Test 1 focused on this area. Outcome #1 is adequately assessed on the test.</p>                                 |
| <p>Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Theoretical Principles - Describe the theoretical principles of rangeland management (Created By Courses (SCI) - Natural Res and Env Sci)</p> <p><b>Next Assessment:</b><br/>2016-2017</p> <p><b>Start Date:</b><br/>05/18/2012</p> <p><b>Course Outcome Status:</b><br/>Active</p>         | <p><b>Assessment Measure:</b><br/>Quizzes and Tests<br/>Test 1 Q2, 7,12, 18, 21, 41-44, 47<br/>Test 2 Q3-5, 8-13, 21, 23, 25, 32-33, 39, 41, 44-47, 49-51, 56<br/>Test 3: Q3, 7-8, 10-11, 13-14, 16, 18-19, 20, 24-34, 36-41, 44-45,</p> <p><b>Assessment Measure Category:</b><br/>Exam/Quiz - Standardized</p> <p><b>Criterion:</b><br/>N/A</p> | <p>05/18/2012 - Test 1: Mean score = 84, mean discrimination = 0.44<br/>Test 2: Mean score = 65, mean discrimination = 0.187<br/>Test 3: Mean score = 71, mean discrimination = 0.33<br/>Total mean for outcome = 73.3<br/>Total mean discrimination = 0.319</p> <p><b>Criterion Met:</b><br/>Yes</p> <p><b>Reporting Period:</b><br/>2011-2012</p> | <p>05/18/2012 - No change. I am doing a good job of assessing the learning of outcome #2. Student progress is average.</p>  |
| <p>Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Developing grazing plans - Use soil and ecological site information to develop grazing plans (Created By Courses (SCI) - Natural Res and Env Sci)</p> <p><b>Next Assessment:</b><br/>2016-2017</p> <p><b>Start Date:</b><br/>05/18/2012</p> <p><b>Course Outcome Status:</b><br/>Active</p> | <p><b>Assessment Measure:</b><br/>Homework<br/>Test 2 Q48,</p> <p><b>Assessment Measure Category:</b><br/>Assignment - Written</p> <p><b>Criterion:</b><br/>N/A</p>   | <p>05/18/2012 - All the homework grades were kicked out of webcampus before I could do this assessment, so I have no idea what the class scores were on this homework assignment.<br/>Test 2: Mean score = 80, mean discrimination = 0.50</p> <p><b>Criterion Met:</b><br/>Yes</p> <p><b>Reporting Period:</b><br/>2011-2012</p>                    | <p>05/18/2012 - Change outcome to "use soil and ecological site information and other technologies and tools to describe a rangeland community". Hopefully Canvas won't dump students out of the class so immediately at the end of the semester.</p> |

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|---|--|---|--|
| 05/18/2012<br><b>Course Outcome Status:</b><br>Active   |  | 2011-2012   |  |
| Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Plant growth and Herbivory - Explain how plants grow and respond to herbivory (Created By Courses (SCI) - Natural Res and Env Sci)<br><b>Next Assessment:</b><br>2016-2017<br><b>Start Date:</b><br>05/18/2012 | <b>Assessment Measure:</b><br>Quizzes and Tests<br>Test 1: Q1, 32,<br>Test 2: Q18-20, 28, 34-38, 40, 42<br><br><b>Assessment Measure Category:</b><br>Exam/Quiz - Standardized<br><b>Criterion:</b><br>N/A | 05/18/2012 - Test 1: Mean score = 100, Mean discrimination = 0<br>Test 2: Mean score = 64, mean discrimination = 0.1<br><br><b>Criterion Met:</b><br>Yes<br><b>Reporting Period:</b><br>2011-2012 | 05/18/2012 - I need to have at least one solid lecture covering this learning outcome, without mixing it with info from other chapters. Also, more questions need to be asked that do a better job of splitting the class. |
| <b>Course Outcome Status:</b><br>Active   |  |   |  |
| Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Plant varieties - Identify plant varieties for specific rangeland use (Created By Courses (SCI) - Natural Res and Env Sci)<br><b>Next Assessment:</b><br>2016-2017<br><b>Start Date:</b><br>05/18/2012         | <b>Assessment Measure:</b><br>Homework, Quizzes, and Tests<br>Test 3: Q5-6, 9, 17, 42-43<br><br><b>Assessment Measure Category:</b><br>Exam/Quiz - Standardized<br><b>Criterion:</b><br>N/A                | 05/11/2012 - Test 3: Mean score = 79, mean discrimination = 0.167<br><b>Criterion Met:</b><br>Yes<br><b>Reporting Period:</b><br>2011-2012  | 05/18/2012 - Change learning outcome to "Explain how to rehabilitate rangelands." By making this change, more test questions will assess the outcome and more assignments will as well.                                    |
| <b>Course Outcome Status:</b><br>Active   |  |   |  |
| Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Upland rangeland - List basic principles of monitoring upland rangelands (Created By Courses (SCI) - Natural Res and Env Sci)<br><b>Next Assessment:</b><br>2016-2017<br><b>Start Date:</b><br>05/18/2012      | <b>Assessment Measure:</b><br>Quizzes and Tests<br>Test 2: Q6-7, 14, 22, 24, 54-55<br><br><b>Assessment Measure Category:</b><br>Exam/Quiz - Standardized<br><b>Criterion:</b><br>N/A                      | 05/18/2012 - Test 2: Mean score = 85, mean discrimination = -0.14<br><b>Criterion Met:</b><br>Yes<br><b>Reporting Period:</b><br>2011-2012  | 05/18/2012 - This was good - mean score wise. I don't know why the discrimination was so low.  |
| <b>Course Outcome Status:</b><br>Active   |  |   |  |

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| <p>Courses (SCI) - Natural Res and Env Sci - NRES 241 - Principle Range Managemnt - Stock Rates and AUMs - Calculate stocking rates and AUMs (Created By Courses (SCI) - Natural Res and Env Sci)</p> <p><b>Next Assessment:</b><br/>2016-2017</p> <p><b>Start Date:</b><br/>05/18/2012</p> <p><b>Course Outcome Status:</b><br/>Active</p> | <p><b>Assessment Measure:</b><br/>Homework, Quizzes, and Tests<br/>Test 2: Q26-27, 29-31, 15,<br/>Test 3: Q21-23, 52</p> <p><b>Assessment Measure Category:</b><br/>Exam/Quiz - Standardized</p> <p><b>Criterion:</b><br/>N/A</p> | <p>05/18/2012 - All the homework grades were kicked out of webcampus before I could do this assessment, so I have no idea what the class scores were on this homework assignment.<br/>Test 2: Mean score = 56, mean discrimination = - 0.1<br/>Test 3: Mean score = 29, mean discrimination = 0</p> <p><b>Criterion Met:</b><br/>Yes</p> <p><b>Reporting Period:</b><br/>2011-2012</p> | <p>05/18/2012 - Students obviously aren't figuring out how to do this one. I probably need to have a ton of self quiz questions posted so that they can work the math problems and develop a concept about how this works. This is the most math driven part of the course.</p> <hr/> |