

Course Student Learning Outcomes Assessment

GEOG 101 Physical Geography

**Created on: 09/13/2013 10:09:00 AM PST
Last Modified: 03/16/2015 02:35:41 PM PST**

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General Information (Course Student Learning Outcomes Assessment)

Standing Requirements

📖 Course Description

Introduction to the physical elements of geography: maps earth/sun relationships meteorology and climatology natural vegetation soils and geomorphology.

📖 Course Student Learning Outcomes

GEOG 101 Physical Geography Outcome Set

Outcome	
Outcome	Mapping
Outcome 1 Analyze various meteorological and geomorphologic phenomena. Evaluate cause and effect relationships. Interpret maps and informational charts.	Institutional Student Learning Outcomes: Act 1, Act 2, Act 3, Communicate 1, Learn 1, Learn 2, Learn 3, Think 1
Outcome 2 Develop a vocabulary that incorporates terms specific to physical geography and earth systems.	Institutional Student Learning Outcomes: Act 1, Act 2, Act 3, Communicate 1, Communicate 2, Communicate 3, Learn 1, Learn 2, Learn 3
Outcome 3 Develop an appreciation and knowledge of physical landscapes leading to a better understanding of global environmental challenges.	Institutional Student Learning Outcomes: Act 1, Act 2, Act 3, Communicate 2, Learn 1, Learn 2, Learn 3, Think 2, Think 3

2014-2015 Assessment Cycle

Measurements

Outcomes and Measures

GEOG 101 Physical Geography Outcome Set

Outcome

Outcome 1

Analyze various meteorological and geomorphologic phenomena. Evaluate cause and effect relationships. Interpret maps and informational charts.

▼ **Measure:** SLO Survey
Course level; Indirect - Survey

Description of Measurement Tool: A survey consisting of six questions was given during the first week of instruction; the same questionnaire was administered the last week of class.

Strongly agree, agree, disagree, and strongly disagree were the available responses for each statement. There was no neutral/don't know option. Students were reassured that there were no "right" or "wrong" answers and that the survey had no impact on their final course grades.

Please see the survey for the actual questions. (Attachment associated with SLO 1/A)

Survey questions addressing this SLO: 1, 3, 4, 5

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Supporting Attachments:

 SLO 101 Survey Questions.doc (Microsoft Word) (See appendix)

Outcome 2

Develop a vocabulary that incorporates terms specific to physical geography and earth systems.

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Survey questions addressing this SLO: 2

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Outcome 3

Develop an appreciation and knowledge of physical landscapes leading to a

▼ **Measure:** SLO Survey
Course level; Indirect - Survey

better understanding of global environmental challenges.

Description of Measurement Tool: A survey consisting of six questions was given during the first week of instruction; the same questionnaire was administered the last week of class.

Strongly agree, agree, disagree, and strongly disagree were the available responses for each statement. There was no neutral/don't know option. Students were reassured that there were no "right" or "wrong" answers and that the survey had no impact on their final course grades.

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Survey questions addressing this SLO: 3, 6

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Findings

Finding per Measure

GEOG 101 Physical Geography Outcome Set

Outcome

Outcome 1

Analyze various meteorological and geomorphologic phenomena. Evaluate cause and effect relationships. Interpret maps and informational charts.

▼ Measure: SLO Survey Course level; Indirect - Survey

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Survey questions addressing this SLO: 1, 3, 4, 5

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Supporting Attachments:

 SLO 101 Survey Questions.doc (Microsoft Word) (See appendix)

Findings for SLO Survey

Summary of Findings: Pre

STRONGLY AGREE AND AGREE DISAGREE AND STRONGLY DISAGREE
 QUESTION 1 24.4% 75.5%
 QUESTION 2 4.1% 95.9%
 QUESTION 3 28.5% 71.5%
 QUESTION 4 22.4% 77.5%
 QUESTION 5 32.7% 67.3%
 QUESTION 6 26.5% 73.5%

Post

STRONGLY AGREE AND AGREE DISAGREE AND STRONGLY DISAGREE
 QUESTION 1 87.8% 12.1%
 QUESTION 2 87.9% 12.1%
 QUESTION 3 87.8% 12.1%
 QUESTION 4 93.9% 6.1%
 QUESTION 5 93.9% 6.1%
 QUESTION 6 90.9% 9.1%

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: In all cases, there was a dramatic shift to being more competent (agree/strongly agree) at the end of the semester

Recommendations: Continue posting detailed notes on Blackboard; continue to have in-class activities (map reading, weather exercises); this semester I developed entirely new Power Point presentations with images (photos) of the phenomena

Outcome 2

Develop a vocabulary that incorporates terms specific to physical geography and earth systems.

▼ **Measure:** SLO Survey
 Course level; Indirect - Survey

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Please see the survey for the actual questions. (Attachment associated with SLO 1/A)

Survey questions addressing this SLO: 2

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Findings for SLO Survey

Summary of Findings: Pre

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 QUESTION 5 93.9% 6.1%
 QUESTION 6 90.9% 9.1%

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: Once again, the percentage of students who felt more competent increased significantly in the post-class survey

Recommendations: Continue posting notes and terms on Blackboard; encourage the use of flash cards and the glossary in the text to master the terminology; continue to use images to

visually define and describe the terms

Outcome 3

Develop an appreciation and knowledge of physical landscapes leading to a better understanding of global environmental challenges.

▼ **Measure:** SLO Survey
Course level; Indirect - Survey

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Survey questions addressing this SLO: 3, 6

Criteria for Success: Individual & Collective Student Criterion: Improvement in the percentages of students answering Strongly Agree or Agree.

Cycle of Assessment: Annually

Who is Responsible for Assessment Activity?: Part-time faculty

Findings for SLO Survey

Summary of Findings: Pre

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 QUESTION 3 87.8% 12.1%
 QUESTION 4 93.9% 6.1%
 QUESTION 5 93.9% 6.1%
 QUESTION 6 90.9% 9.1%

Results: Criteria for Success Achievement Status: Met

Analysis of Findings: At the end of the semester, both Questions 3 and 6 had a very high percentage of agree/strongly agree responses

Recommendations: Continue to refer to current environmental issues as they appear in the news; continue giving well-illustrated Power Point presentations that demonstrate the importance of the physical landscape in determining a people's ability to live and thrive and the possible economic options available; continue to assign the "Geography in the News" paper where students critique a newspaper article of their choice

Overall Recommendations

No text specified

 **Plans of Action**

 **Status Reports**

2013-2014 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**

2012-2013 Assessment Cycle

 **Measurements**

 **Findings**

 **Plans of Action**

 **Status Reports**

Appendix

A. **SLO 101 Survey Questions.doc** (Microsoft Word)
