Biology, B.S.

Measure 1: Laboratory Reports

Outcome/Objective 1: Master foundational principles

Goals:
1: Demonstrate scientific literacy
2: Understand content knowledge and the application of technical skills

Target: The Department set as a goal that 80% of the reports would be scored as satisfactory, averaging a 3 or better on scoring rubric.

Finding: The assessment reported is from spring 2013, evaluating the second lab report written this semester, n=25 reports. 82.5% of students scored a 3 or better (average of all scoring criteria) on lab report number 2.

There was one individual scoring criteria (spelling/grammar) where 80% of students did not score a 3 or better; students scoring less than a 3 were referred to the Writing Center for assistance with spelling, grammar, and sentence structure. The raw results from the grading rubric are as follows: item from rubric 1 2 3 4 % of students with 3 or 4 Abstract/Summary 0 5 10 10 80% Introduction 1 4 13 7 80% Experimental procedure 0 3 8 14 88%

Results: data, figures, graphs, tables, etc. 2 3 12 8 80% Discussion 0 5 11 9 80% Conclusions 0 4 8 13 84%

Spelling, grammar, sentence structure 0 6 10 9 76% * students scoring less than 3 in this section were referred to the writing center for assistance. Appearance and formatting 0 2 12 11 92%

Measure 1: Laboratory Reports

Outcome/Objective 2: Understand scientific methods and apply to critical thinking skills

Goals:
1: Demonstrate scientific literacy

Target: The Department set as a goal that 80% of the reports would be scored as satisfactory, averaging a 3 or better on scoring rubric.

Finding: The assessment reported is from spring 2013, evaluating the second lab report written this semester, n=25 reports. 82.5% of students scored a 3 or better (average of all scoring criteria) on lab report number 2.

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Spelling, grammar, sentence structure 0 6 10 9 76% * students scoring less than 3 in this section were referred to the writing center for assistance. Appearance and formatting 0 2 12 11 92%

Measure 1: Laboratory Reports

Outcome/Objective 3: Analyze and interpret research data

Goals:
1: Demonstrate scientific literacy
3: Conduct studies and present findings

Target: The Department set as a goal that 80% of the reports would be scored as satisfactory, averaging a 3 or better on scoring rubric.

Finding: The assessment reported is from spring 2013, evaluating the second lab report written this semester, n=25 reports. 82.5% of students scored a 3 or better (average of all scoring criteria) on lab report number 2.

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Spelling, grammar, sentence structure 0 6 10 9 76% * students scoring less than 3 in this section were referred to the writing center for assistance. Appearance and formatting 0 2 12 11 92%

Measure 1: Laboratory Reports

Outcome/Objective 4: Effectively communicate biological information and concepts

Goals:
1: Demonstrate scientific literacy

Target: The Department set as a goal that 80% of the reports would be scored as satisfactory, averaging a 3 or better on scoring rubric.

Finding: The assessment reported is from spring 2013, evaluating the second lab report written this semester, n=25 reports. 82.5% of students scored a 3 or better (average of all scoring criteria) on lab report number 2.

There was one individual scoring criteria (spelling/grammar) where 80% of students did not score a 3 or better; students scoring less than a 3 were referred to the Writing Center for assistance with spelling, grammar, and sentence structure. The raw results from the grading rubric are as follows: item from rubric 1 2 3 4 % of students with 3 or 4 Abstract/Summary 0 5 10 10 80% Introduction 1 4 13 7 80% Experimental procedure 0 3 8 14 88%

Results: data, figures, graphs, tables, etc. 2 3 12 8 80% Discussion 0 5 11 9 80% Conclusions 0 4 8 13 84%

Spelling, grammar, sentence structure 0 6 10 9 76% * students scoring less than 3 in this section were referred to the writing center for assistance. Appearance and formatting 0 2 12 11 92%
Goals:
3: Conduct studies and present findings

Target: The Department set as a goal that 80% of the reports would be scored as satisfactory, averaging a 3 or better on scoring rubric.

Finding: The assessment reported is from spring 2013, evaluating the second lab report written this semester, \( n=25 \) reports. 82.5% of students scored a 3 or better (average of all scoring criteria) on lab report number 2. There was one individual scoring criteria (spelling/grammar) where 80% of students did not score a 3 or better; students scoring less than a 3 were referred to the Writing Center for assistance with spelling, grammar, and sentence structure. The raw results from the grading rubric are as follows:

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<th>Item from rubric</th>
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<td>Conclusions</td>
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<tr>
<td>Spelling, grammar, sentence structure</td>
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<td>76%*</td>
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*Students scoring less than 3 in this section were referred to the writing center for assistance.

Targets Without Findings

Biology, M.S.

Measure 1: Comprehensive Examination

Goals:
2: Critically evaluate scientific data and ideas.

Target: 80% of the students will demonstrate mastery of this learning objective.
## 2012-2013 Data Entry Status Overview

This report shows Data Entry Status based on Draft/In-Progress vs. Final status determined by users. To get a more complete picture of remaining work, also run Audit reports for the sections of interest.

### Status Overview for Academic Entities

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