Course Assessment in a Box, Version II

Course Assessment in a Box is a practical tool for you to conduct assessment of course Student Learning Outcomes (SLOs). By following these simple steps, using assessment tools you already use to evaluate student work, you can easily produce a course assessment of SLOs.

These steps align with the course SLO assessment page in the CurricUNET Program Review Module. Once the steps are completed, simply attach it to your Program Review.

1. Number and name of the course being assessed:

CS175 – From JavaScript to AJAX

2. List all the Course SLOs from the Course Outline of Record:

   1. Describe and use features and syntax of programming language JavaScript
   2. Outline and construct JavaScript interaction and validation techniques with Web Forms and other HTML elements
   3. List and use the syntax of the Document Object Model (DOM) in order to search, delete, or rewrite HTML code on the fly
   4. Demonstrate the use of AJAX to transfer data to and from a web server

3. If you have had any dialogue about the Course SLOs amongst faculty who teach this course, please describe it here (leave blank if there has been no specific dialogue):

4. List the SLO(s) you are assessing in this particular instance:

   3. List and use the syntax of the Document Object Model (DOM) in order to search, delete, or rewrite HTML code on the fly

5. Describe the assessment strategy or tool that addresses the SLO(s):

   Observe the level of expertise with DOM used in the final project.

NOTE: Try to use assessment strategies you are already using to evaluate student work as part of your grading system. Examples: Rubrics for Evaluating Projects or Assignments, Portfolio Evaluation, Culminating Projects, Final Exams, Writing Assignments, Performance Assessment, Department Testing, Pre and Post Tests, Vendor or Industry Certification Examinations, Indirect Assessments (Student Surveys, Focus Group Discussions, Interviews), or others….

6. Describe how the criteria or standards in this assessment tool link to the SLO(s) being assessed:
3 - perfect scores on DOM assignments
2 - Good understanding of DOM based on assignments
1 - Minimal attempts / understanding of DOM in assignments

7. By looking holistically at the results from all students, describe your findings:

<table>
<thead>
<tr>
<th>SLO Scores with number of students with these scores</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

8. Describe faculty dialogue (if any) involved in the assessment process:

Only one instructor with this course

9. Based on an analysis of your findings and dialogue, describe revisions (if any) in curriculum or teaching strategies implemented to promote student success:

Overall, the assessment shows success with an upside down bell curve, which seems common with programming topics. Will stress the assessment criteria more clearly in the next class, for the final project component in hope it will motivate students further.

10. After the improvements are implemented, describe the results: