

Course Assessment– Part B: Your Results & Analysis

#143

Your Email *

Please select your course and name from the list. If your course or name are incorrect or missing, please contact Instructional Services.

CS 162 Web Development & Object-Oriented Programming – Spring 2016

Part B: Your Results

Students performed well in face-to-face conversations and worktime.

1a. Report the outcome achievement data gathered via the assignments, tests, etc. you identified for each outcome (question 3) of your Part A. *

Outcome #1 *

Apply classes and design with objects.

% of students who successfully achieved the outcome (C or above) *

100

Outcome #2 *

Apply data abstraction, separate compilation, and source file modularity to achieve more robust and maintainable programs.

% of students who successfully achieved the outcome (C or above) *

100

Outcome #3 *

Create a simple web service using an existing object-oriented framework.

% of students who successfully achieved the outcome (C or above) *

100

ANALYSIS

2. What contributed to student success and/or lack of success? *

Working in teams and closely with me helped the students make the most progress. Having online tutorial resources to fall back on also helped smooth progress.

3. Helping students to realistically self-assess and reflect on their understanding and progress encourages students to take responsibility for their own learning. Consider comparing your students' perception of their end-of-term understanding/mastery of the three outcomes (found in student evaluations) to your assessment (above) of student achievement of the three outcomes. *

No students responded to the evaluation.

4. Did student achievement of outcomes meet your expectations for successfully teaching to each outcome (question 4 from Part A) *

Yes.

5. Based on your analysis in the questions

above, what course adjustments are warranted (curricular, pedagogical, student instruction, etc.)? *

I am still not fully satisfied with available web frameworks, and I am beginning to doubt that the combination of web/OO is the best way to present both subjects. I will be considering how to redesign the course in the future.

6. What resources would be required to implement your recommended course adjustments (materials, training, equipment, etc.)? What Budget implications result? *

Interaction with the OCCC (Oregon Council of Computing Chairs) to establish expectations for the programming sequence, and time to adapt the course.

7. Were your assessment methods accurate indicators of student learning? Why or why not? Any additional comments? *

I am satisfied with my assessment of the students.

(OPTIONAL) Reflect on any adjustments you made from the last assessment of this course and their effectiveness in student achievement of outcomes?

I had previously switched web frameworks. I do not believe it made a significant difference.

Created 1 Aug 2016 10:12:11 AM	
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