Course Assessment– Part B: Your Results & Analysis #277

Your Email *	
Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, please contact Instructional Services.	CS 260 – Data and Algorithms – 1091650 – Robert Surton – Fall 2017
Part B: Your Results **Directions** 1. Report the outcome achievement data gathered via the assignments, tests, etc. you identified for each outcome (question 3) of your Part A. (Only include data for students who completed the course. Do not include students who withdrew or earned an incomplete) *	In-class programming produced some very interesting code and allowed the students to explore variations of the subjects I presented.
Outcome #1 *	Design solutions to problems requiring complex data structures (combinations of lists, stacks, queues, hash tables, and trees).
% of students who successfully achieved the outcome (C or above) *	100
Outcome #2 *	Apply recursion as a problem solving technique.
% of students who successfully achieved the outcome (C or above) *	100
Outcome #3 *	Evaluate the engineering properties of various tree representations, including binary search trees, 2-3 trees, red-black trees, B-trees, and AVL trees.
% of students who successfully achieved the outcome (C or above) *	100
ANALYSIS 3. What contributed to student success and/or lack of success? *	Consistently coming to class and asking questions, especially communicating using code, were the most important.
4. 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. *	Okay.
5. Did student achievement of outcomes meet your expectations for successfully teaching to each outcome (question 4 from Part A) *	Yes.

6. Based on your analysis in the questions above, what course adjustments are warranted (curricular, pedagogical, student instruction, etc.)? *

None.

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

8. Reflect on any adjustments you made from the last assessment of this course (if applicable) and their effectiveness in student achievement of outcomes. *

Not applicable.

9. Describe how you have shared information about course outcomes with your students.

10. Please describe any changes/additions to instruction, curriculum or assessment that you made to support students in better achieving the CGCC Core Learning Outcomes:
CLO #1: Communication. The areas that faculty are focusing on are: "Source and Evidence" and "Organization and Presentation"
and
CLO #2: Critical Thinking/Problem Solving. The areas that faculty are focusing on are: "Student's Position" (Critical Thinking) and "Evaluate Potential Solutions" (Problem Solving).

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