Course Assessment- Part B: Your Results & Analysis #177

Your Email *	
Please select your course and name from the list. If your course or name are incorrect or missing, please contact Instructional Services.	EET 111 - DC Circuits - Jim Pytel - Fall - 2016
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. *	Students solved for voltage, current, resistance, power, and energy figures given an example circuit.
Outcome #1 *	Apply basic electrical DC concepts and theorems to analyze circuits
% of students who successfully achieved the outcome (C or above) *	89.6
Outcome #2 *	Build, simulate, and troubleshoot DC circuits and perform measurements with electronic test equipment.
% of students who successfully achieved the outcome (C or above) *	89.6
Outcome #3 *	Use circuit simulation software to analyze DC circuits.
% of students who successfully achieved the outcome (C or above) *	89.6
ANALYSIS 3. What contributed to student success and/or lack of success? *	Strong correlation on attendance and success. Those individuals that failed had a demonstrated history of absences, lateness, and poor or missing work.
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. *	Only one student responded to survey, however, most students entered the course with the same background and most likely the same perception of their abilities prior and post course.
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.)? *	New hybrid format went well for larger student group.

7. What resources would be required to implement your recommended course adjustments (materials, training, equipment, etc.)? What Budget implications result? *	Having a part time lab instructor funded by NSF allowed for increased coverage. This might be necessary for continued enrollment numbers.
8. Were your assessment methods accurate indicators of student learning? Why or why not? Any additional comments? *	Yes, those students that passed could confidently build, measure, and troubleshoot DC circuits using lab equipment.
(OPTIONAL) Reflect on any adjustments you made from the last assessment of this course and their effectiveness in student achievement of outcomes?	

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