

Course Assessment– Part B: Your Results & Analysis

#297

Your Email *

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Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, please contact Instructional Services.

RET 223 – Power Generation – 1092543 – Jim Pytel – Spring 2018

Part B: Your Results

100% of students achieved all 3 outcomes.

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) Data for all 3 outcomes should be reported below. *

Outcome #1

*

Students will predict, build, and verify electrical and mechanical behavior of motors, generators, power electronics, and transmission circuits.

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

100%

Outcome #2 *

Students will perform a solar site analysis using publicly available resources, instrumentation, and software simulation.

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

100%

Outcome #3 *

Students will write technical reports using collected experiment data.

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

100%

ANALYSIS

Students entered this course with a considerable background in electronics.

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

4. Helping students to realistically self-assess and reflect on their understanding and progress encourages students to take responsibility for their own learning. Please compare 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 responses to survey, however, students had only basic understanding of concepts prior to start of class. At the end they demonstrated understanding.

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?

None.

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

None.

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

First day orientation.

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:

None.

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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