Course Assessment- Part B: Your Results & Analysis

COMPLETE #713

Please select your course and name from the drop-down menu. If your course or name are incorrect or missing, contact Sara Wade, the Instructional Services Administrative Assistant, 541-506-6037 or swade@cgcc.edu.

EET111- Electrical Circuit Analysis 1- Jim Pytel- Part B- Fall 2025

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

Worksheets, quizzes, labs, and exams.

*** Outcome #1**

Apply basic electrical DC concepts and theorems to analyze circuits

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

89

*** Outcome #2**

Build, simulate, and troubleshoot DC circuits and perform measurements with electrical test equipment.

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

89

*** Outcome #3**

Write technical reports using collected experiment data.

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

89

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

Those that did not succeeded demonstrated an inability to use engineering prefixes in Unit 1 and did not rectify this error over the 11 week course despite numerous chances to do so.

*** 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.**

Students entered the course with little understanding of the concepts and most rightly felt their understanding increased.

*** 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?

(No response)

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

Adopted a multiple assessment strategy for each unit rather than individual quizzes and summative exams.

9. Describe how you explain information about course outcomes and their relevance to your students.

(No response)

10. Please describe any changes/additions to instruction, curriculum or assessment that you made to support students in better achieving the CGCC Institutional Learning Outcomes: ILO #1: Communication. The areas that faculty are focusing on are: "Content Development"and/or Control of Syntax and Mechanics" and ILO #2: Critical Thinking/Problem Solving. The areas that faculty are focusing on are: "Evidence" (Critical Thinking) and/or "Identify Strategies" (Problem Solving). ILO #4: Intercultural Knowledge and Competence. The area that faculty is focusing on is: "Openness" (Encouraging our students to "Initiate and develop interactions with culturally different others") ILO #5: Community and Environmental Responsibility. ILO#3 - Quantitative Literacy - "Assumptions"

(No response)