Course Assessment- Part B: Your Results & Analysis

COMPLETE #712

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.

MTH110- Techincal Math- Abel Wolman- 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.**

Data was collected via problem sets, quizzes, and classroom discussion.

*** Outcome #1**

Accurately compute and manipulate quantities relevant to technical and industrial systems.

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

86

*** Outcome #2**

Algebraically solve mathematical equations and formulas for quantities and variables of interest.

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

86

*** Outcome #3**

Demonstrate understanding of mathematical functions arising in technical and industrial systems.

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

86

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

Classroom attendance and participation was a primary contributor to student 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.**

For n = 1, students appear to realistically self-assess

*** 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.)?**

Further focusing of course material to reflect and meet the requirements of this particular student cohort.

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

None.

*** 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.**

Not previously assessed. However, from last year to this, I refined, refocused course content to better align with the needs and mathematical preparation of this student cohort. I believe this improved student achievement with respect to the above outcomes.

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)