

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.

MTH 105- Math in Society- Abel Wolman- Winter 2023

*** 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.**

Achievement data included problem sets, quizzes, and classroom discussions.

*** Outcome #1**

Use relevant mathematical concepts and techniques to critically analyze and make knowledgeable decisions about issues in personal and public finance.

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

100

*** Outcome #2**

Use relevant concepts and techniques from probability and statistics to critically analyze and make knowledgeable decisions about problems involving risk and uncertainty.

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

100

*** Outcome #3**

Formulate logically rigorous arguments and critique those that are not.

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

100

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

Active classroom participation and engagement with course materials were important contributors to student success. Equally important to student success was overcoming preconceived notions about the study and doing of mathematics as well as coming to terms with the various emotional states experienced when engaging with mathematics.

*** 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 (n = 3) generally felt they had improved in their understanding and mastery of the three outcomes.

*** 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.)?**

Some additional streamlining/rearranging of course content may be warranted.

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.**

I made some changes in course content and emphasis, which seemed to improve course relevance and cohesiveness.

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: Cultural Awareness. The area that faculty is focusing on is: "Curiosity" - Encouraging our students to "Ask deeper questions about other cultures and seek out answers to these questions" ILO #5: Community and Environmental Responsibility. The area that faculty are focusing on are: "Applying Knowledge to Contemporary Contexts" and "Understanding Global Systems" ILO#3 - Quantitative Literacy - "Application/Analysis" and/or "Assumptions"

(No response)