

Course Assessment– Part B: Your Results & Analysis

#240

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BI 234 – Microbiology – 1091538 – Molly Blatz – Summer 2017

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. *

Outcome 1: Measured by homework assignments.

Outcome 2: Measured by research paper and presentation on microbial diseases.

Outcome 3: Measured by identification of an unknown specimen laboratory.

Outcome #1

*

Outcome 1: Relate an understanding of the basic principles of microbiology to personal health and use this understanding to make informed personal and professional decisions.

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

93

Outcome #2 *

Use an understanding of the impact of microbes on human cultures around the world both historically and in the present day to evaluate current health issues.

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

93

Outcome #3 *

Use scientific methods to qualitatively and quantitatively describe microbial characteristics and processes and understand their relationship to the identification of microbial species.

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

93

ANALYSIS

Clear expectations, structured course time and application to relevant situations contributed to student success.

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. 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. *

Students self reported an increased understanding of the microbial world, the class data supports the self assessments.

5. Did student achievement of outcomes meet your expectations for successfully

Yes.

teaching to each outcome (question 4 from Part A) *

6. Based on your analysis in the questions above, what course adjustments are warranted (curricular, pedagogical, student instruction, etc.)? *

Continued use of case studies that provide relevant examples, very beneficial and applicable to nursing students. There were many medical examples and there were many nursing students in the course.

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

A \$25 annual fee for the National Center for Case Study Teaching in Science

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

NA

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

10. Please describe any changes/additions to instruction, curriculum or assessment that you made to support students in better achieving the CGCC Core Learning Outcome: Communication. The areas that faculty are focusing on are: "Source and Evidence" and "Organization and Presentation"

Presentations, lab work in partners to share collected data and observations, and small group and whole class discussions about case studies.

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