Course Assessment- Part B: Your Results & Analysis

COMPLETE #539

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

BI 211- Principles of Biology- Emilie Miller- Fall 2021

*** 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.**

79% of students achieved 80% or higher on their exams.

*** Outcome #1**

Use the scientific method, including experimental design, data collection, and presentations of results and conclusions while analyzing their individual thinking and learning styles and how their styles can be integrated with methods used in science.

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

79

*** Outcome #2**

Assess the strengths and weaknesses of scientific studies in biochemistry and cell biology and critically examine the influence of scientific and technical knowledge of biochemistry and cell biology on human society and the environment.

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

79

*** Outcome #3**

Communicate concepts in genetics, biochemistry and cell biology using appropriate terminology in both written and verbal forms.

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

79

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

Study Guides, Labs, Readings, Quizzes, Powerpoints.

*** 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.**

In all cases reported, understanding was enhanced.

*** 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?

Continued support of laboratory and classroom purchases.

*** 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.**

None.

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

They are outlined in syllabus.

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: "Student's Position" (Critical Thinking) and "Evaluate Potential Solutions" (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"

Changes have included being more aware of current science in the news and discoveries, supported by classroom discussion.