

Course Assessment– Part B: Your Results & Analysis

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MTH 95 Intermediate Algebra – 1091558 – Pam Morse – 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. *

During the summer term of 2017 I used a number of forms of assessment. I gave homework, journal prompts, quizzes and exams to students in order to assess them. I started the summer with 15 students. By the completion of the term, 1 student had dropped out. Of the remaining 14 students, all passed with a C or higher. 85% or 12/14 students received a B or better, 70% received an A.

Outcome #1

*

Formulate and solve problems in one or more variables using linear models.

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

92%

Outcome #2 *

Communicate results mathematically and in writing.

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

75*

Outcome #3 *

Recognize the graph of a function and use function notation.

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

92%

ANALYSIS

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

It was extremely disappointing to not have students respond at all to the assessment. So I have no input from them this time. My students did very well this summer and I attribute that to an overall class size of 14 students. There was time for more individualized attention which contributed to students being able to get their questions answered. I gave students journal problems that allowed students to see real world problems with the material they were learning. Students had more writing this summer than in the past. Putting their thoughts and processes down on paper I feel contributed toward a better understanding. When a student can articulate what they are learning, it becomes easier to see what they are not getting and to help them acquire what they need.

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. *

Unfortunately no student took advantage of answering the questionnaire. There for I am unable to compare my perception of their understanding to their perception.

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.)? *

I am continuing to find real life examples for my students. In these examples I am attempting to find ones that will be similar to what they will be experiencing in their future professions. When students have the ability to apply the curriculum to something meaningful I believe it is easier to learn. I have also included more partner work in my course. I've always striven to get students to work together; however, that hasn't always worked. By creating problems that they must collaborate on, it gives them an opportunity to bounce ideas off each other. It also gives them the time to discuss the material and their strategies in working the problem. I have also started giving exit tickets to my classes. For example, "Your best friend was absent today. Summarize today's lesson" or "What are 3 take away's you got from today's class" or even "What is the one thing you wished I had spent more time on?". This allows me to further self assess at the end of each class. I can see if I'm on the right track, what I need to go over the next class or did that lesson really bomb. I am also trying out google classroom and am hoping to have it up and running by mid week of week 2. Students will be able to get extra materials etc to help them. This technology is something they can access on their computer, phone, or tablet.

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

The only resources really to implement Google classroom etc is time. Time to find the information on the web, time to put information into Google Classroom.

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

Since the last assessment of this course I have added in more writing on the students part and more realistic problems.

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

I have them on the syllabus and we discuss them at the beginning of the term. Students will then know what is coming and what they should expect to get out of the course.

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"

I have students do journal entries. They need to put in writing how they approached a problem and how they solved the problem. All word problems must be answered using sentences.

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