

# Course Assessment– Part B: Your Results & Analysis

#154

Your Email \*

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MTH 20 – Basic Math – Bill Hughitt – Fall – 2016

## 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. \*

Based on data collected during Fall term 2016 using the course work(written tests/quizzes/student directed self checks and instructor feedback) and post class surveys from students, the objectives were meet

### Outcome #1

\*

Recognize and perform accurate arithmetic computations in a variety of situations with and without a calculator.  
To meet this outcome: 80% of students who complete all the assignments for this outcome will earn 80% or higher on mastery tests

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

92

### Outcome #2 \*

Communicate the results of problem solving mathematically and in writing  
To meet this outcome: 80% of students who complete all the assignments for this outcome will earn 80% or higher on mastery tests

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

92

### Outcome #3 \*

Recognize the connection between whole numbers, fractions, decimals, and integers  
To meet this outcome: 80% of students who complete all the assignments for this outcome will earn 80% or higher on mastery tests

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

100

## ANALYSIS

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

Students are presented the course material in a variety of ways which leads to greater retention of the material. (Lectures, PowerPoint's,text, YouTube etc)

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. \*

Based on this student feedback (below) for Fall 2016 Math 20, I feel students also felt good about their learning in this class:

The number one thing I liked about this course is that it was easy to follow.

I thought the videos were very helpful. along with the fact I could watch them over and over again. That would include Mr. Hughitt's lectures, he explained very well.

One thing I liked about this class was the lecture videos. Watching the YouTube and class lecture videos was very helpful for me because I need to hear something in order to understand what's being taught. One thing that could have made this class better for me is nothing. I thought the videos and the textbook covered pretty much everything.

Something that I liked about this class is that I could see the test results right away. To improve one thing is that at the beginning I had trouble navigating the page but I got better at it every week, that was my improvement this term.

I liked that the class went over the basic material I need to have a better understanding of to be able to succeed in future classes. I don't really have any complaints about the class.

One thing I enjoyed about this class is that it was a nice refresher for me, someone who personally has struggled in math for her entire school career, it was nice to re-learn some of the concepts that I didn't quite understand in high school.

What I liked about the class was being able to have a week to work on your assignments, as though it was very tough, because I had a lot of family emergencies and medical visits, so I had a difficult time catching up. I liked being able to see my test results right away.

**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 at this time.

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

None at this time.

**8. Were your assessment methods accurate indicators of student learning? Why or why not? Any additional comments? \***

Yes, Students are able to monitor their learning by using the self-checks to see how they are doing in the chapters.

**(OPTIONAL) Reflect on any adjustments you made from the last assessment of this course and their effectiveness in student achievement of outcomes?**

Changed the assessments for each chapter from instructor scored tests to quizzes which are auto-graded so students can see their answers/progress right away.

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