

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: Math 126, Pre-Calculus I
 Section Number(s): 1002
 Department: Mathematics
 Instructor: Xunming Du

Academic Year: Fall 2020 – spring 2021
 Semester: Fall 2020
 Is this a GenEd class? Yes No

Complete and submit your assessment report electronically to your department chair. As needed, please attach supporting documents and/or a narrative description of the assessment activities. You may use as many or as few outcomes as necessary.

Class/Course Outcomes	Assessment Measures	Assessment Results	Outcome Results Analysis
In the boxes below, summarize the outcomes assessed in your class or course during the last year. If this is a GenEd class, include the appropriate GenEd objectives.	In the boxes below, summarize the methods used to assess course outcomes during the last year. Include the criterion you'll use to judge whether or not students have achieved the expected outcome.	In the boxes below, summarize the results of your assessment activities during the last year. Include your judgement as to whether or not the criterion for student achievement has been met.	In the boxes below, please reflect on this outcome's results and summarize how you plan to use the results to improve student learning.
Outcome #1: General education outcome I: Demonstrate knowledge of mathematical notation and concepts. Property of logarithms	Assessment Measure: Weekly assignments and the final exam. The total point is 20. Criterion for achievement: 80% students score above 60%	Results: Mean: 19.51, Median: 20, STD: 1.44 100% students score above 60%. 89.3% completed the assessment. 3 students not Criterion Met: Yes	1. Results Analysis: Students can comprehend the mathematical notation and concepts well. It shows my teaching strategy works well. 2. Action Plan: I shall keep the good work in this part.
Outcome #2: General education outcome II: Apply mathematical concepts and operations in proper written and graphical format. Rational function graphs	Assessment Measure: Weekly assignments and the midterm. The total point is 20. Criterion for achievement: 80% students score above 60%	Results: Mean: 19, Median: 20, STD:2 100% students score above 60% 92.2% completed the assessment. 2 students not Criterion Met: Yes	1. Results Analysis: The result shows students can handle this part of the content well. 2. Action Plan: Keep the good work in order to let students get good score.

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<p>Outcome #3:</p> <p>General education outcome III: Apply relevant mathematical skills in solving real-world problems. Use mathematical functions and relations to model real-world phenomena.</p>	<p>Assessment Measure:</p> <p>Weekly assignments and the final exam The total point is 20.</p> <p>Criterion for achievement: 80% students score above 60%</p>	<p>Results:</p> <p>Mean: 18.27, Median: 19.88, STD: 3.706 92.3% students score above 60% 92.9% completed the assessment, 2 students not</p> <p>Criterion Met: Yes</p>	<p>1. Results Analysis:</p> <p>The result shows students can apply the math to real world well.</p> <p>2. Action Plan: Keep the good work.</p>
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Notes:

The retention rate was 93.3% in the class. Two students dropped the class. The average grade was B+, which might tell students followed the instruction well. Two students failed in the class.

Students rated me as a good instructor 4.83 out of 5 point scale. It might show students appreciated my hard work. Some students said, “The hints went a long way if I ever got stuck the videos always come in handy.” It showed giving the details about the class assignments were important. Some students mentioned there were some echo in some video clips. If time permits, I shall update these videos during the summer break and during the class running in the coming semester.

I have reviewed this report:

Department Chair

Date_____

Dean

Date_____

Vice President of Academic Affairs and Student Services

Date_____