

GBC Class/Course Assessment Report

Course Prefix, Number, and Title: Math 097, Elementary and Intermediate Algebra
 Section Number(s): 1001
 Department: Mathematics
 Instructor: Xunming Du

Academic Year: fall 2020 – spring 2021
 Semester: spring 2021
 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: Functions and finding the equation of a line.	Assessment Measure: Weekly assignment 4, the total point is 20 Criterion for achievement: 80% students score above 60%	Results: Mean: 18.8, Median 20, STD: 2.81 96.6% students score above 60% 100% students complete the assessment. Criterion Met: Yes	1. Results Analysis: Comparing with the results in spring 2020, the mean value of this year is greater $18.8 > 18.09$. The standard deviation is less than that of the previous spring $2.81 < 3.468$. 2. Action Plan: This year the student scores are consistently higher than that of last spring. The contents of my teaching notes shall be used in the co-requisite classes in the coming semester
Outcome #2: Solving system of linear equations.	Assessment Measure: Weekly assignment 5, the total point is 20 Criterion for achievement: 80% students score above 60%	Results: Mean: 17.9, Median: 19.52, STD: 2.96 96.4% students score above 60%. 96.6% complete the assessment, one student not Criterion Met: Yes	1. Results Analysis: The mean value 17.9 is greater than the mean value of last spring 17.07. The standard deviation 2.96 is less than that of last spring 3.646. 2. Action Plan: This year the student scores are consistently higher than that of last spring. The teaching notes shall be adopted in the co-requisite classes in the coming semester.

GBC Class/Course Assessment Report

Notes:

The retention rate was 90.6%, which was high especially for a developmental math class. Three students dropped the class out of 32. The average grade is above B. Three students failed in the class.

Two learning outcomes of functions and finding equations of lines, and solving system of linear equations are in the learning outcomes of Math 26. The results show here that the student scores are consistently better than those the previous spring semester were. My related teaching notes, especially the videos may target student's weakness well. I shall apply adopt my teaching notes to the co-requisite classes of Math 126E and Math 120E. With the synchronized reviews, it may help my Math 126E and Math 120E significantly.

I have reviewed this report:

Department Chair

Date_____

Dean

Date_____

Vice President of Academic Affairs and Student Services

Date_____