

Core Curriculum Annual Assessment

Year	2022-23
Course number and Name:	Math 1324: Math for Business and Social Science
Component area:	2: Mathematics
Number of sections offered:	9 sections
Number of students enrolled:	570 students
Contact Person (include email & Phone#)	Jacqueline Jensen-Vallin, jjensenvalli@lamar.edu , x7859

Summary of Continuous Improvement Efforts since Last Report

Provide a brief description of how assessment results have been used for core course improvement. Point to a specific example of how an assessment provided the department with data it could use for improvement and what that improvement was, if possible, also show evidence of the improvement. You may look at data from the two previous academic years to support this case.

Respond here:

Since spring 2018, we have been assigning a group project in Math 1342 to increase students' quantitative, communication, and critical thinking skills. This project has been highly successful and so in Fall 2022 we developed a similar project for Math 1324. This project was piloted in two face-to-face sections of Math 1324 in Spring 2023. Based on feedback from that pilot, a revised and updated version will be running in all face-to-face sections of Math 1324 starting in Fall 2023, and all (face-to-face and online) sections of Math 1324 starting in Spring 2024.

Course highlights Since Last Report

Identify and briefly discuss any changes made to the course since the last report.

Respond here:

Curriculum for this course has continued to be minorly updated, and we continue to look for the best way to support the underprepared corequisite students in this course. This course is reading-intensive and so we have discussed with the UAC the need for students to be reading complete (and college ready) before registering for this course.

As mentioned above, in order to better assess and promote student communication, critical thinking, and quantitative skills, a project has been developed for this course, which was piloted in Spring 2023 and will be rolled out to all face-to-face sections in Fall 2023.

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Table 1. Assessment Results and Analysis for Current Cycle

Stage 1: PLAN			STAGE 2: DO		Stage 3: STUDY	
General Education Competencies Addressed in this Course:	Assessment Method(s) – e.g. pre/post tests, embedded questions, portfolio evaluation, rubric-scored essay; list only activities for which you are reporting assessment data	Proficiency – e.g. the proficient student will correctly answer 5 out of the 6 embedded questions on the final exam	Benchmark – e.g. 80% of students taking the final exam will correctly answer 5 of the 6 embedded questions on the final exam	Results of course assessment(s)	Analysis of results – e.g. strengths and weaknesses What does this data tell you? How will you use this data? How were data from the last cycle used to make changes during this cycle, and what were the results of those changes?	Recommendations for Course based on assessment
Communication (required)	Required core assessment problem	Student demonstrates (a) control of syntax and mechanics, (b) content and purpose, and (c) develops the content and provides an interpretation	70% of students are acceptable or proficient based on departmental rubric in each of these areas.	On goal (a), 54% acceptable or proficient On goal (b), 54% are acceptable or proficient On goal (c), 51% are acceptable		
Critical Thinking (required)	Required core assessment problem	Student demonstrates an (a) explanation of issues, (b) influence of	70% of students are acceptable or proficient based on departmental	On goal (a), 58% acceptable or proficient On goal (b), 51%		

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		context and assumptions, and (c) gives conclusions and outcomes demonstrating a synthesis of information	rubric in each of these areas.	are acceptable or proficient On goal (c), 58% are acceptable		
Select One: _x_Empirical & Quantitative Skills ___Teamwork ___Social responsibility ___Personal Responsibility	Required core assessment problem	Student can (a) represent mathematical ideas symbolically, (b) can calculate and analyze information, and (c) can finalize their analysis	70% of students are acceptable or proficient based on departmental rubric in each of these areas.	On goal (a), 61% acceptable or proficient On goal (b), 61% are acceptable or proficient On goal (c), 58% are acceptable		
Select One: ___Empirical & Quantitative Skills ___Teamwork ___Social responsibility ___Personal Responsibility						

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Table 2. Continuous Improvement Results Since Last Report

STAGE 4: ACT		
Actions/Goals based on data results <i>*copy last cycles actions/goals and report on progress toward continuous improvement on those here</i>	Status <i>C=Complete</i> <i>P=Progressing</i> <i>N=No action taken</i>	Discussion of status <i>If C, describe efforts that led to accomplishment of actions/goals</i> <i>If P, provide update on progress made toward accomplishing actions/goals and what tasks remain</i> <i>If N, discuss why action toward accomplishing actions/goals has been delayed and what work will be initiated toward accomplishment.</i>