**MATH 26 Precalculus I Learning Support Course**

**Section Number(s): 1003**

**Instructor: Daniel T. Murphree**

**Academic Year: 2021-2022**

**Semester: Fall**

**# of Students: 30**

**Complete and submit your assessment report electronically to your department chair. Course and general education outcomes are counted as achieved if 62% or more of students answered the problems associated with the outcome correctly.** **As needed, please attach supporting documents and/or a narrative description of the assessment activities.**

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| **Class/Course Outcomes** | **Assessment Measures** | **Course Outcome 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, list the proctored assignments and which problems on those assignments you used to assess each outcome. | In the boxes below, give the percentage of students who answered the problems correctly and indicate if the course outcome was achieved. | 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:**  Solve linear equations and inequalities | Proctored assignment:  Applicable MATH 126E Proctored Exams | Results:  Proctored Midterm Exam: 59.89% 20 students  Proctored Final Exam: 59.47% 15 students  Average: 59.71%  Criterion Met: No | 1. Results Analysis: The outcomes were clearly not reached in this course Students did not seem to benefit from the topics in MATH 26 and, as a result, struggled greatly in MATH 126E. Many students simply stopped trying in this course.  2. Action Plan: I feel like part of the problem is the large number of topics needed to understand the MATH 126 topics correctly. I plan to adjust the way I post topics in MATH 26 next year to make it where students are able to skip through topics they already understand faster. |
| **Outcome #2:**  Find equations of lines given prescribed conditions | Proctored assignment:  Applicable MATH 126E Proctored Exams |
| **Outcome #3:**  Simplify radical expressions. | Proctored assignment:  Applicable MATH 126E Proctored Exams |
| **Outcome #4:**  Factor expressions. | Proctored assignment:  Applicable MATH 126E Proctored Exams |
| **Outcome #5:**  Solve absolute value equations and inequalities. | Proctored assignment:  Applicable MATH 126E Proctored Exams |
| **Outcome #6:**  Perform operations with exponential expressions. | Proctored assignment:  Applicable MATH 126E Proctored Exams |
| **Outcome #7**  Implement effective study skills | Assignment:  Study Skills Projects | Results: Study Skills Projects  Average: 73.18%  Criterion Met: Yes | 1. Results Analysis: While this learning outcome was met, it did not seem to help the students to advance in their MATH 126E course. I also think that the students would have done better on their study skills with more reminders.  2. Action Plan: I will try to find a way to post these assignments in MyMathLab so that students will be easily able to find the assignments. |

**Notes: 6U, 6W**

I have reviewed this report:

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Department Chair Dean

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Vice President of Academic Affairs and Student Services

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