



Student Learning Outcomes for MATH 241

Academic Excellence in Precalculus

Team Members:

Team Leader:

Diane Mathios (864-5664) in MATH

Additional team members/notes about team:

Additional Notes:

Other members:

1. Diane Mathios (x864-5664) MATH
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Outcomes:

Outcome 1 Phase I: Statement

Analyze and develop linear, polynomial, exponential, logarithmic and implicit function models.

Outcome 1 Phase II: Assessment Strategy Used:

Assessment Quarter: Fall 2010

Assessors: Diane Mathios, Diane Mathios

Assessment Tools:

Outcome 1 Phase III: Reflect & Enhance

Number of people involved in Phase III: 1

Changes:

This is the first time this outcome is being assessed

Methods:

Weekly group worksheets were given in class. Students worked collaboratively on questions drawn from the course curriculum. They discussed their answers and formulated a common solution to the problem.

Findings and Conclusions:

Students in general did well on the worksheets. In some cases, students needed help understanding what was being asked of them.

Enhancement (Planned Actions)**Part I:**

In the future, I will review questions for clarity. In addition, I will be more careful with general instructions.

Part II:

None needed.

Outcome 2 Phase I: Statement

Communicate concepts and solutions for problems both verbally and in writing.

Outcome 2 Phase II: Assessment Strategy Used:

Assessment Quarter: Fall 2010

Assessors: Diane Mathios

Assessment Tools:

Outcome 2 Phase III: Reflect & Enhance

Number of people involved in Phase III: 1

Changes:

This is the first time I am assessing this outcome

Methods:

Group worksheets were given on a weekly basis comprised of problems from the course curriculum. Students discussed the solutions with each other and collaborated on a written solution.

Findings and Conclusions:

Students in general did well on the group worksheets. In some cases, the group interaction was not ideal. Sometimes a student would work independently without collaborating with the group, or students would be working on different problems on the worksheet.

Enhancement (Planned Actions)**Part I:**

In the future, I will give better instructions as far as how students should interact to devise their solutions. I will make sure that all students are working on the same problem and sharing their results. In addition, I will monitor the groups to ensure that all group members are being included.

Part II:

None needed.

SLO Created: 06/11/2010 Last Modified: 05/24/2011