2014 Program Assessment Report

College   CALS
School/Division Mathematics & Statistics
Plan Code  60/61
Program    Master of Science in Mathematics (MS)

Please list the names and titles of those who participated in the assessment planning and reporting process for this program.

Hassan Elsalloukh, Graduate Coordinator

8 Number of degrees/certificate awarded in this program during the academic year.

If no degrees were awarded in this program during the academic year, skip pages 2 and 3 of this report.
Complete the assessment plan on age 4 and submit.

Outcome 1: MS candidates should acquire the mathematical knowledge and skills necessary for success in their program or career.

Measure 1.1: They have to take the Comprehensive Examinations in four major areas: Advanced Numerical Analysis, Advanced Differential Equations, Advanced Linear Algebra, and Mathematics Statistics

8 Number of students included in data collection for this measure.

Sampling strategy used for this measure.
We used all scores from the eight students on the Comprehensive Exams.

Performance Criterion 1.1: They have to score at least 70% in each of the subjects

Yes X No _______ Do your data indicate that this Performance Criterion was met?

Measure 1.2: Each of them has to take the Oral Examination.

8 Number of students included in data collection for this measure.

Sampling strategy used for this measure.
We used the test scores.
Performance Criterion 1.2: Graduating students have to score 3/5 to pass.

Yes [X]  No [ ] Do your data indicate that this Performance Criterion was met?

Yes [X]  No [ ] Do your data indicate that graduates of the program possess the knowledge or skill

If “yes,” use this space to discuss any components of the program that you believe contributed to this result. What does this tell you about student learning in this program?

The students passed all the comprehensive exams at the end of the program with at least 70%

If “no,” use this space to discuss any components of the program that you believe contributed to this result. What does this tell you about student learning in this program?

None at this time

Please describe any programmatic changes that are planned as a result of these findings. Please include a brief rationale for those changes and the timeline for implementation. How will these changes impact student learning?

None at this time

Please describe any changes in your assessment processes that are planned as a result of these findings. Please include a brief rationale for those changes. How will these changes impact your ability to measure student learning?


Please outline your 2014 assessment plan below. Please include a minimum of two, and not more than five, outcomes.

<table>
<thead>
<tr>
<th>OUTCOME 1</th>
<th>MS candidates should acquire the mathematical knowledge and skills necessary for success in their program or career.</th>
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Note: This form adapted from Arizona State University assessment form.