Assessment of Student Learning Plan: Math & Statistics

Review of 2012-13 Academic Year

University of Southern Maine

A. College, Department or Program, Date

College ____________________________
Department or Program _________Mathematics and Statistics__________
Date __________May 31, 2013__________________

B. Department or Program Chair: _______________________
Laurie Woodman, Acting Chair________
*(person responsible for completing this form)

C. Degree or other Program: __________B.A. Mathematics________________

D. Assessment of Student Learning

1: Has your department identified any Student Learning Outcomes? (What are students able to do by the end of your program?)

a. List the most important student learning outcomes (3-5) that have been agreed upon in your department. Then, identify which student learning outcome (1-2) was assessed this past year.

Outcomes:

Over the course of studies as a major in mathematics, graduates will demonstrate:

Basic knowledge and skills in fundamental areas of mathematics including algebra, calculus, probability, statistics, and computer programming;

An ability to read, write, and construct proofs and to reason logically;

More in-depth knowledge in one or more of the following areas: pure mathematics, applied mathematics/operations research, or statistics.

b. If your department/program does NOT have any student learning outcome statements yet, please check here________.
2: How and When will the Learning Outcomes be assessed?

a. Briefly describe the forms of evidence that were utilized this past year to demonstrate students’ accomplishment of the learning outcome(s) selected, and when you implemented the assessment.

b. If your department/program did NOT assess any outcomes in the past year, please check here _X__.

3: How did you use the Assessment results to Improve Student Learning?

a. Briefly describe your unit’s process for using the assessment data to improve student learning, and state what improvements or changes are being planned based upon the assessment results.

b. If your department has NOT reviewed any assessment results in the past year, please check here _X__.