

# Assessment of Student Learning Plan: **Math & Statistics**

Review of 2012-13 Academic Year

University of Southern Maine

## A. College, Department or Program, Date

College CSTH  
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.