

Academic Program Details

Department/School: Dept Name

Degree: Bachelor of Science

Major/Program: Engineering

Assessment Period: 2009-2010 Academic Year

Date Submitted: July 25, 2010

Program Mission Statement

Our department has not developed a mission statement nor have we developed a statement addressing the institutional learning outcomes or institutional goals. This is something we will be addressing in the coming year.

Outcome1

Program Intended Educational Outcome

TEACH: Fundamental understanding of basic concepts and principles of physics

Means for Assessment and Criteria for Success

ETS Major Field Achievement Test

Summary of Data Collected

The ETS Major Field Test in physics was not administered during the 2009/2010 academic year in our department. We will reinstitute this major in the following year. Also the department will review what measures we currently use to evaluate our program and consider the use of test in Engineering and earlier standard test like the Force Concept Inventory or the Electromagnetic Theory Inventory.

Outcome2

Program Intended Educational Outcome

TEACH: Core literacy in the Physical Sciences and Mathematics

Means for Assessment and Criteria for Success

Survey alumni 2-3 years out using ETS Program Self-Assessment Service (PSAS)

Summary of Data Collected

The alumni survey was not administered during the 2009/2010 academic year for our programs. This instrument is not required every year and was completed just two years ago.

Outcome3

Program Intended Educational Outcome

SHAPE: Prepared for careers through extensive problem solving experiences

Means for Assessment and Criteria for Success

Survey alumni 2-3 years out using ETS Program Self-Assessment Service (PSAS)

Summary of Data Collected

The alumni survey was not administered during the 2009/2010 academic year for our programs. This instrument is not required every year and was completed just two years ago.

Outcome4

Program Intended Educational Outcome

SEND: Continue to post-graduate study

Means for Assessment and Criteria for Success

Survey of seniors to track admission to graduate or professional schools

Summary of Data Collected

A survey of our graduates at the end of the spring term 2010 showed two out of seven accepted into graduate programs they were planning on attending, one in materials science and one in medical physics, one out of seven had a job as an engineer at SPAWAR, and three were currently seeking a job, while one student's plans are unknown.