#### Expanded Statement of Institutional Purpose

**MISSION STATEMENT:**

We shall provide a high quality mathematics education responsive to the needs of individual students and the diverse population of Alaska.

**GOAL STATEMENT:**

To assure that our graduates attain a solid understanding of mathematics and are adequately prepared to succeed in the job market or advanced study.

#### Intended Objectives/Outcomes

- Our students will attain mastery of core mathematical concepts at the baccalaureate-level comparable to those at other institutions.
- Our students will have opportunities to develop the necessary skills to achieve their career goals in mathematics.
- We will monitor the effectiveness and implementation of our program requirements.

#### Assessment Criteria and Procedures

- We will give the ETS Major Fields Test in Mathematics to all majors, preferably close to graduation.
- A) Exit Survey
- B) Tracking of recent graduates
- Transcript check of recent graduates.

#### Implementation (what, when, who)

- Every spring the instructors of Math 490 and Stat 454 will require all students to take the Major Field Test in Mathematics. The Assessment Committee will review test results and recommend curricular changes if necessary.
- An annual written survey will be conducted of graduating seniors, to obtain student views on strengths and weaknesses of the program. The Assessment Committee will summarize results and recommend curricular changes if necessary.
- Faculty will be surveyed annually regarding recent graduates. A list of graduates will be maintained.
- The Assessment Committee will annually review transcripts of recent graduates to determine if students are able to complete their degrees in a timely manner and address any problems.

Submitted by: Jill Faudree