

UNIVERSITY OF ALASKA FAIRBANKS
Student Learning Outcomes Assessment Plan
Mathematics Undergraduate B.S. Degree
 Adopted May 2014

Expanded Statement of Institutional Purpose	Intended Objectives/Outcomes	Assessment Criteria and Procedures	Implementation (what, when, who)
<p>MISSION STATEMENT:</p> <p>We shall provide a high quality mathematics education responsive to the needs of individual students and the diverse population of Alaska</p>	<p>Our students will attain mastery of core mathematical concepts at the baccalaureate-level comparable to those at other institutions.</p>	<p>We will give the ETS Major Fields Test in Mathematics to all majors, preferably close to graduation.</p>	<p>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.</p>
<p>GOAL STATEMENT:</p> <p>To assure that our graduates attain a solid understanding of mathematics and are adequately prepared to succeed in the job market or advanced study.</p>	<p>Our students will have opportunities to develop the necessary skills to achieve their career goals in mathematics.</p>	<p>A) Exit Survey B) Tracking of recent graduates</p>	<p>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.</p> <p>Faculty will be surveyed annually regarding recent graduates. A list of graduates will be maintained.</p>
	<p>We will monitor the effectiveness and implementation of our program requirements.</p>	<p>Transcript check of recent graduates.</p>	<p>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.</p>