

—1E Measures—

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Department Name: Statistics

Department Chair: Ibrahim Ahmad

Participating Faculty: J. Schott

Program Name & CIP Code: B.S. in Statistics - 27.0501

Level (U or G): U

*Example of Linkage between Expanded Statement of Institutional Purpose,
Departmental/Program Intended Outcomes/Objectives, Assessment Criteria and Procedures,
Results, and Use of Results at our University*

Expanded Statement of Institutional Purpose	Departmental/Program Intended Outcomes/Objectives	Assessment Criteria & Procedures	Assessment Results	Use of Results
<p>Program Mission: To provide our majors with broad exposure to theoretical and applied statistics in sufficient breadth, depth and intensity to make them highly capable statisticians, competitive in industry, government and academia.</p>	<p>1. Students will score at the national average on Exam 110 of the Society of Actuaries.</p>	<p>1a. Exam 110 of the Society of Actuaries will be required of all senior majors.</p> <p>1b. No other nationally administered exam exists and we request that the University Assessment Committee grant an exception to the requirement of a 2nd measure.</p>	<p>1a. One undergraduate major took the exam and the national percentile ranking on the four parts were as follows: Probability – 2, Statistics – 14 Hypothesis Testing – 38 Estimation – 19</p> <p>1b. Not applicable.</p>	<p>1a. Seems unreasonable to take any action based on one data point. In the future, we may want to survey the students after they take the exam to get their feedback.</p> <p>1b. Not applicable.</p>
<p>2. Alumni will report at least 50% of their training to be relevant to their specific job.</p>	<p>2a. The Department will survey those alumni continuing on to graduate school.</p> <p>2b. The Department will survey those alumni working in government or industry.</p>	<p>2a. No alumni continuing on to graduate school responded to the survey.</p> <p>2b. Of the 3 alumni surveyed, 1 alumnus working in government or industry responded to the survey and gave an overall relevancy of 90%.</p>	<p>2a. Not applicable.</p> <p>2b. Only one respondent so feedback is somewhat limited. However, criteria met.</p>	
<p>3. Of those choosing to work or further their education, 75% of the alumni will report that they are employed in the field of statistics or have gone on to graduate school.</p>	<p>3a. As determined by FETPIP.</p> <p>3b. As determined by the alumni survey.</p>	<p>3a. Based on the latest FETPIP data, 67% of the 3 graduates were employed or continued their education in Florida.</p> <p>3b. Of the one alumnus responding to the survey, 100% are working in the field of statistics or have gone on to graduate school.</p>	<p>3a. Reasonable employment figures. Will continue to monitor.</p> <p>3b. The figures indicate that there is a market for our students.</p>	