

**COURSE SLO ASSESSMENT REPORT, SCC**

Department: SURVEYING Course: Surv. 118 – Plane Surveying

Year: 2011 Semester: Fall

1) Outcome to be assessed	2) Means of assessment and criteria of success	3) Summary of data collected	4) Analysis of data	5) Plan of action/what to do next
<p>Students will be able to identify, analyze, and explain the basic parts of land surveying instruments and their function.</p> <p>Students will be able to comply, tabulate and assess survey data and evaluate measurement quality.</p>	<p>Field Exercises: Pacing, Differential and profile leveling, Peg test, Taping, angle measurement, traversing, area computations and topographic survey.</p> <p>Field Exercises and Final Exam: Combination of field exercises and examinations in the form of short quizzes and computational type questions to assess student understanding of surveying fundamentals and practices.</p>	<p>Students are divided into field survey party of 4 to 5 students to complete field lab exercises. These field lab exercises are designed to better understand the use and care of different surveying equipments.</p> <p>Survey data collected from field exercises are recorded on a field book notes as final deliverables. Notes are in the form of sketches, tabulation of data and descriptions.</p>	<p>12/03/11 – 100% of students who took the one-on-one practical test on the use and adjustments of surveying equipments received a grade of A.</p> <p>12/06/11 – 88 % of students who took the final written examination received a grade of B or higher.</p>	<p>No immediate action needed at this time. However, with newer surveying instruments (laser scanner, GPS and digital levels) are becoming common the school needs to update to these instruments.</p> <p>Action needed: A one-to-one tutoring and study groups for all survey and mapping students.</p>