**Course-Level Student Learning Outcomes (SLO) Assessment Plan**

SLOAT member’s name(s): Alkis Dimopoulos

Division/Department: Engineering Technologies & Computer Sciences

Course to be assessed for SLOs in Fall 2011: ENR 100

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

1. What student learning outcomes (SLOs) will you assess in Fall 2011? Please identify at least 2 (total) chosen from the following: course goals (CG), general education goals (GEG) for which the course has been ‘affirmed’ by GECC, and/or applicable program goals (PG) from your ECC Course Outline SLO Assessment Summary Sheet.

* SLO #1 CG 2: Discuss the type of work that engineers and other professionals perform and describe the specific writing, speaking, mathematics, computer, engineering design, problem-solving and decision making skills needed to perform such work.
* SLO #2 CG 3: Describe requirements of the engineering profession.

1. For each SLO given above, what assessment method**s** (rubrics, assignments, tests, classroom assessment techniques, portfolios, surveys, etc.) will you implement in Fall 2011 to gather evidence of student learning related to the outcome? Please make sure to vary the types of assessment methods you choose to include the following: direct (D) & indirect (I); process (P), input (In) & context (C); summative (S) & formative (F); qualitative (QL) & quantitative (QN); Objective (Obj) & subjective (Subj)

Assessment method**s** to be used to assess SLO #1: Blueprint test and exam questions and some homework assignments, assess oral presentations and student performance in in-class workshops, and conduct student surveys.

Assessment method**s** to be used to assess SLO #2: Blueprint test and exam questions and some homework assignments, assess video presentations, oral presentations, and student performance in in-class workshops, and conduct student surveys.

1. For each SLO given above, identify *when* each assessment method will be used in the course in Fall 2011; e.g., draw up a timeline for the course which indicates when every SLO assessment method named above will be used throughout the semester (Week 1 – Week 15).

SLO #1 Assessment Proposed Timeline 🡪 week 1, week 2, test 1, week 8, test 2, week 11, week 14, final exam.

SLO #2 Assessment Proposed Timeline 🡪 week 1, test 1, week 8, week 9, test 2, week 12, week 13, week 14, final exam.

1. How many sections of the course or how many students will be involved in using these assessment instruments and collecting SLO assessment data in Fall 2011? Please identify your sample size by number of classes (sections of the course) or number of students. (Remember: A 5% error margin in your analysis is ensured if you sample 278 out of 1000 students, 217 out of 500 students, 184 out of 350 students, 132 out of 200 students, 80 out of 100 students, or 44 out of 50 students. – taken from p. 48 of *Assessing Student Learning: a common sense guide*, 2nd edition by Linda Suskie)

One out of four sections offered in Fall 2011 will be involved in this SLOAT assessment study.

1. Using ~~representative random~~ sampling, which sections or which students will be involved in using these assessment instruments and collecting SLO assessment data in Fall 2011?

SLO data will be collected in one section ENR 100-001, CRN# 20687, which consists of 16 students.