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

SLOAT member’s name(s): Dr. Hossein Assadipour

Division/Department: ETCS

Course to be assessed for SLOs in Fall 2011: ENR 103

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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: Utilize free-hand sketching and basic drafting instruments in geometric construction.
* SLO #2 CG 3: Employ shape description and drawing preparation techniques of multi-view orthographic projection and 3D isometric visualization, using instrumental drafting techniques.

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 & SLO #2: A checklist rubric is used to score submitted student course portfolios, which include homework assignments, weekly projects, and tests.

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 🡪 weeks 1 – 3 (assigned as regular classwork, homework, weekly projects, and portfolio evaluation)

SLO #2 Assessment Proposed Timeline 🡪weeks 4 – 6 (assigned as regular classwork, homework, weekly projects, portfolio evaluation, and Test #1 )

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)

4 ENR 103 sections taught by 4 different instructors, which includes a total enrollment of about 85 – 90 students

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?

All 4 sections will be asked to assess their students for the above SLOs, and I will be collecting the outcome of these assessments in order to prepare the final report.