General Education Annual Course Assessment Form

Course Number/Title  CMPE 195B  GE Area  V (in conjunction with Engr 195B) & Area S (in conjunction with CMPE 195A & ENGR 195A)

Results reported for AY 2014-2015  # of sections  2  # of instructors  1

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Part 1

(1) What SLO(s) were assessed for the course during the AY? All Area V SLOs were assessed in CMPE 195B in Spring 2015.

Both sections of the class were offered in Spring 2015 during the same time slot. None were offered in Fall 2014 as the program started that semester and no students were eligible as Area S with ENGR 195A had not been offered during their CMPE 195A semester (Spring 2014).

(2) What were the results of the assessment of this course? What were the lessons learned from the assessment?

There was one student assignment each for V-LO1 and V-LO2. There were two assignments for V-LO3. The description of the assignments are below. Detailed rubrics were used for the grading and the criterion was totaled to indicate whether the student did not meet, met, or exceeded the criterion for the SLO. No students exceeded expectations. There were 6 assignments of the 28 graded that fell below expectations, however 5 of these missed meeting expectations by 1% (i.e. 69% instead of 70%). The remaining one missed by 3% (i.e. 67%). No one missed submitting any assignment.

V-LO1: compare systematically the ideas, values, images, cultural artifacts, economic structures, technological developments, and/or attitudes of people from more than one culture outside the U.S.

- CMPE 195B Reflection Paper 1: Assume that your project is about to turn into a successful company. Using the studies provided in ENGR195A/B as a background, write about how to take into account at least two aspects (for example ideas, values, images, cultural artifacts, economic structures, or technological developments) while evaluating your decision to manufacture your product in two other countries. (500-750 words)

Overall, 1 student did not meet the criterion for this SLO and 6 met the criterion for this SLO in this assignment. All students submitted the assignment.

V-LO2: identify the historical context of ideas and cultural traditions outside the U.S. and how they have influenced American culture

- CMPE 195B Essay 1. Consider a technology invented outside of the U.S. in your discipline. (a) Describe the cultural and social factors that led to this technology’s “invention.” (b) Describe how this invention has evolved and influenced the culture of the U.S. (250-500 words)

Overall, 3 students did not meet the criterion for this SLO and 4 met the criterion for this SLO. All students submitted this assignment.

V-LO3: explain how a culture outside the U.S. has changed in response to internal and external pressures.

- CMPE 195B Case Study 1: Explain how internal and external pressures have changed India’s culture due to computer/software engineering outsourcing. (250-500 words)

Overall, 2 students did not meet the criterion for this SLO and 5 students met the criterion for this SLO. All students submitted the assignment.
• CMPE 195B Case Study 2: Assume your project has become very successful in the U.S. Describe how your product will put pressure on a culture outside the U.S. (You have to choose a specific country). Use the social and cultural processes introduced in ENGR195A&B to guide your answer. (500-750 words)

Overall, all 7 students assignments met the criterion for this SLO. All students submitted the assignment.

(3) What modifications to the course, or its assessment activities or schedule, are planned for the upcoming year? (If no modifications are planned, the course coordinator should indicate this.)

Spring 2015 was the first semester for this course. This course will be offered in Fall 2015 and Spring 2016. Additional outcomes assessment data will be collected from these courses before undertaking course modifications.

Part 2

(4) Are all sections of the course still aligned with the area Goals, Student Learning Objectives (SLOs), Content, Support, and Assessment? If they are not, what actions are planned?

YES

(5) If this course is in a GE Area with a stated enrollment limit (Areas A1, A2, A3, C2, D1, R, S, V, & Z), please indicate how oral presentations will be evaluated with larger sections (Area A1), or how practice and revisions in writing will be addressed with larger sections, particularly how students are receiving thorough feedback on the writing which accounts for the minimum word count in this GE category (Areas A2, A3, C2, D1, R, S, V, & Z) and, for the writing intensive courses (A2, A3, and Z), documentation that the students are meeting the GE SLOs for writing.

These Area S SLOs were aligned with ENGR 195A and integrated in CMPE 195A; the capstone course’s first semester required for all students majoring in Computer and Software Engineering. It was taught by a faculty member in the Computer Engineering department with experience teaching capstones courses at the undergraduate and graduate levels for Computer and Software Engineering as well as experience teaching the College of Business’ capstone course for all their majors. Thorough feedback was provided through 18 separate graded criterions as well as individual and group discussions.