**General Education Annual Course Assessment Form**

Course Number/Title: E198B Senior Design Project II  
GE Area: V

Results reported for AY: 2018-2019  
# of sections: 4  
# of instructors: 1

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Department Chair: Thuy Le  
College: Engineering

**Instructions**: Each year, the department will prepare a brief (two-page maximum) report that documents the assessment of the course during the year. This report will be electronically submitted to <curriculum@sjsu.edu>, by the department chair, to the Office of Undergraduate Studies, with an electronic copy to the home college by October 1 of the following academic year.

**Part 1**

To be completed by the course coordinator:

1. What GELO(s) were assessed for the course during the AY?

   **GELO 2 was assessed. Students shall be able to identify the historical context of ideas and cultural traditions outside the U.S. and how they have influenced American culture.**

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

   **EE 198B assignment in GELO2 area: Consider a technology invented outside of the U.S. in electrical engineering. (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. In the grading rubric of this assignment, the following criteria are directly related to GELO 2.**

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**GELO 2A: Describe the cultural and social factors that lead to your discipline’s technology “invention.”**

- 40.0 pts: Clear and detailed identification and discussion of at least two cultural and two social factors that affected the technology’s development.

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**GELO 2B: Discuss several factors related to the cultural and social forces impacting the technology but without supporting details. Or, students give details of only one social and one cultural factors that affected the development of this technology.**

- 30.0 pts: Discussion of several factors related to the cultural and social forces impacting the technology but without supporting details. Or, students give details of only one social and one cultural factors that affected the development of this technology.

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**GELO 2C: Discussion of a limited number of relevant factors or discussion of impact of technology rather a discussion of the specific factors that led to the development of this technology.**

- 20.0 pts: Discussion of a limited number of relevant factors or discussion of impact of technology rather a discussion of the specific factors that led to the development of this technology.

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**GELO 2D: The essay does not address the topic directly.**

- 0.0 pts: The essay does not address the topic directly.

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**GELO 2E: The essay addresses the topic directly.**

- 40.0 pts: The essay addresses the topic directly.
The following chart shows the result of the assessment. As shown, for GELO 2A, 52% of the students achieved the top level and 96% of the students achieved the top two levels. For GELO 2B, 50% of the students achieved the top level and 96% of the students achieved the top two levels.

(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.)

The assessment result is satisfactory. No major modification is planned.

Part 2

To be completed by the department chair (with input from course coordinator as appropriate):

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

Yes. There is one instructor/coordinator for all sections.

(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 GELOs for writing.

The student project groups are made up of 2-5 students and each group is required to submit a formal final report and give two oral presentations: (i) in a poster form for industry professionals and (ii) a formal in-class presentation. The group advisors (EE faculty) grade both the final report
and oral presentation. Some writing assignments were graded by graders. Writing is part of the grading rubric in all written assignments. In S18, an assessment of EE198B students’ presentation skills was conducted by an independent evaluator designed by GUP. The results from this assessment is not available at time of this report.