General Education Annual Course Assessment Form

Course Number/Title ___Tech 198 Technology & Civilization___ GE Area ___V_____________________

Results reported for AY __2015-2016____  # of sections ___8_______  # of instructors ______3_____

Course Coordinator: __Pat Backer________________ E-mail: __Pat.backer@sjsu.edu_____________

Department Chair: _Fred Barez_________________ College: __Engineering_________________

Part 1

To be completed by the course coordinator:

(1) What SLO(s) were assessed for the course during the AY?
SLO 2: 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?

GE Area V SLO 2 Assessment

In Fall 2015, two different faculty taught a total of three sections of Tech 198. For Spring 2016, three different faculty taught a total of five sections of Tech 198. The Unit 2 History of Technology assignment and rubric was used in each section except for the special Global Technology Initiative (GTI) section. The assignments are described below.

**History of Technology Assignment (Unit 2)**

Choose one of the following technological developments that were discussed in the web tutorial: the mechanical clock, gunpowder, the Great or Jersey wheel, printing, or the compass.

Write an essay that addresses the following topics. When you respond to these topics, you should be specific and cite specific details either from the web tutorial or your own research. You should cite specific events and/or cultures as you answer these questions. Also, you should make sure to cite your sources in your response and include a reference list at the end of your essay.

Higher credit will be given for responses that show evidence of a systematic and comprehensive understanding of the topics involved. The narrative portion of your essay must be at least 500 words (approximately 2 pages double-spaced).

- Discuss the history of the technology from its early beginnings to the Renaissance. Please discuss at least three different events in the history of your chosen technology.
- Describe one force (e.g., historical, cultural, social, economic, political) that affected the development of the technology?
- How did the development and use of the technology affect Europe in the Middle Ages?
- Overall, how did the technology affect the United States?
For the GTI section (Spring 2016), learning objective two was assessed through Research Paper One, a paper on the reforms in China since the death of Mao Zedong has changed China and how these changes have in turn impacted the United States.

Overall, there were 108 students in Fall 2015 and 173 in Spring 2016. Twenty-four students did not submit their assignments for this activity. For SLO 2, 85.1% of the students met the criteria for all three indicators for GE SLO 2 (C or better).

<table>
<thead>
<tr>
<th>Assessment on SLO#2 assignment</th>
<th>Fall 2015</th>
<th>Spring 2016</th>
<th>total</th>
<th>Percent of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exceeds criterion</td>
<td>40</td>
<td>49</td>
<td>89</td>
<td>31.7%</td>
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<tr>
<td>Meets criterion</td>
<td>52</td>
<td>98</td>
<td>150</td>
<td>53.4%</td>
</tr>
<tr>
<td>Did not meet criterion</td>
<td>7</td>
<td>11</td>
<td>18</td>
<td>6.4%</td>
</tr>
<tr>
<td>did not submit assignment</td>
<td>9</td>
<td>15</td>
<td>24</td>
<td>8.5%</td>
</tr>
<tr>
<td>Total</td>
<td>108</td>
<td>173</td>
<td>281</td>
<td></td>
</tr>
</tbody>
</table>

(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.)

Based on our assessment, the Tech 198 students are meeting SLO 2. Therefore no modifications are planned for the upcoming year.

**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. All sections of Tech 198 are still aligned with the GE Area’s Goals, Student Learning Objectives (SLOs), Content, Support, and Assessment.

(5) If this course is in a GE Area with a stated enrollment limit, please indicate how 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.

None of the sections offered in AY 2015-2016 exceeded the enrollment limit of 40 students.