### Science, Technology, and Society Submission Table
#### HST 417: History of Beer and Brewing

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<tr>
<th>STS LEARNING OUTCOME</th>
<th>ASSESSMENT</th>
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| **Analyze relationships among science, technology, and society using critical perspectives or examples from historical, political, or economic disciplines** | This outcome is fulfilled by formative assessments in the form of graded discussions. Each unit will require that students demonstrate their growing content knowledge with weekly graded discussions. This outcome will also be measured with summative assessments, including: a midterm exam, a final exam, and a cumulative research paper. For this outcome, students will:  
  o Recognize different methods of beer production and the scientific/technological advancements that facilitated these methods  
  o Fill in the historical timeline of beer production and consumption.  
  o Associate different methods of beer production with different geographical regions. |
| **Analyze the role of science and technology in shaping diverse fields of study over time.** | This outcome is fulfilled by course readings and subsequent formative assessments in the form of graded discussions. Summative assessments will measure the student’s analytical skills in this regard. The midterm exam, cumulative research paper, and final exam make up the summative assessments for this course. For this outcome, students will:  
  o Interpret the historical timeline of beer production and analyze the scientific and technological advancements that enabled the evolution of beer production.  
  o Examine the implications of the aforementioned scientific and technological advancements with respect to beer production. |
| **This outcome is fulfilled with writing intensive summative assessments. The midterm and final exams in particular require written evaluation and analysis of scientific,** |... |
| Articulate in writing a critical perspective on issues involving science, technology, and society using evidence as support. * | technological, cultural, and historical impacts of beer production and consumption. This requires students to contextualize scientific and technological advancements within a historical framework and cite specific examples for support. This outcome is also fulfilled by the cumulative research paper that will be completed throughout the term. Formative checkpoints (i.e. prospectus, bibliography, first drafts) will ensure that students are consistently incorporating scientific and technological aspects of beer and brewing into the final cumulative research paper. 

For this outcome, students will:
- Identify and evaluate the far-reaching impact of beer production and consumption throughout history and across the globe. Students will be expected to cite specific examples to support their analysis. (i.e. impact of the Women’s Christian Temperance Union on Prohibition) |

* At a minimum, the course should include a single out-of-class written assignment with a minimum of 1250 words plus references that develops and sustains a critical perspective using evidence as support and a multidisciplinary approach. The assignment should include at least 2 outside sources.