TEED 2103 Technology and Society
Technology Assessment Case Study and Presentation (20 points)

Students will write a case study (4-5 pages) on the impacts of a given technological device or system. The case study should describe the technology (e.g., the cotton gin, the musket, cloning etc.) and then identify and discuss the implications for individuals and society. Also, students will describe the extent to which society and cultural values have made it possible for the technology to be developed and have shaped the technology. **The paper is due on Tuesday November 24 (15 points).**

Parameters:

At a minimum, you should address each of the questions/statements listed below in the paper:

1. What are the origins of the technology and what was the role of society in the development and use of the technology?

2. What technologies or practices did the technology replace (i.e., the computer replaced the typewriter) and how did this effect society?

3. What were/are the social impacts of this technological innovation (intended, unintended, positive, negative, immediate, or delayed impacts/effects)?

4. What are some ways in which the technological innovation has altered culture, society, economics, and politics (for better or worse)?

5. What impact did the technological innovation have on history (or will have on the future)?

6. How has the technological innovation altered the environment in positive and negative ways?

   - Note: Graphics and illustrations are a plus, but do not count as a part of the page requirements.

   - Note: Please document and cite references.

   - Note: Text directly downloaded from the Internet does not count as a part of the text requirements.

Evaluation:

Your responses to the questions above will be assessed according to the following criteria:

A. Clarity of Expression (50%): Did you present your ideas clearly and did you provide evidence to support your reasoning?

B. Conviction (25%): Was it clear that you believe in your response or did you simply copy from an original source?

C. Punctuation/Grammar (25%): Was the paper written in an appropriate fashion, using proper grammar and punctuation?

Presentation (5 points): Students will teach the class about your chosen technology for 10 minutes. Students are expected to use a multimedia (PowerPoint, Prezi, an original video, etc.) to provide visual emphasis. **DO NOT use more than 6 words per slide.** Group discussion is encouraged.

Please refer to the presentation rubric below.

Technology Assessment Presentation Rubric

Criteria	5	10	15	20	Score
Content	▪ Provides inconsistent information for solution ▪ Has no apparent application of critical thinking ▪ Has no clear goal ▪ Is pulled from few sources ▪ Has significant factual errors, misconceptions, or misinterpretations	▪ Supports the solution ▪ Has application of critical thinking that is apparent ▪ Has no clear goal ▪ Is pulled from a limited number of sources ▪ Has some factual errors or inconsistencies	▪ Is well thought out and supports the solution ▪ Has application of critical thinking that is apparent ▪ Has clear goal that is related to the topic ▪ Is pulled from several sources ▪ Is accurate	▪ Is well thought out and supports the solution ▪ Has application of critical thinking that is apparent ▪ Has clear goal that is related to the topic ▪ Is pulled from several sources ▪ Is accurate	
Mechanics	▪ More than 5 spelling, grammatical, or punctuation errors ▪ Poor use of vocabulary and word choice	▪ Minimal (3 to 5) spelling, grammatical, or punctuation errors ▪ Low-level use of vocabulary and word choice	▪ Few (1 to 3) spelling, grammatical, or punctuation errors ▪ Good use of vocabulary and word choice	▪ No spelling, grammatical, or punctuation errors ▪ High-level use of vocabulary and word choice	
Organization	▪ Content is unfocused and haphazard. ▪ Information does not support the solution to the challenge or question. ▪ Information has no apparent pattern.	▪ Project has a focus but might stray from it at times. ▪ Information appears to have a pattern, but the pattern is not consistently carried out in the project. ▪ Information loosely supports the solution.	Information supports the solution to the challenge or question.	▪ Information is clearly focused in an organized and thoughtful manner. ▪ Information is constructed in a logical pattern to support the solution.	
Presentation	▪ Presentation appears sloppy and/or unfinished. ▪ Multimedia is overused or underused. ▪ Format does not enhance content. ▪ Presentation has no clear organization.	▪ Multimedia loosely illustrates the main points. ▪ Format does not suit the content. ▪ Presentation does not capture audience attention. ▪ Presentation is loosely organized.	▪ Multimedia is used to illustrate the main points. ▪ Format is appropriate for the content. ▪ Presentation captures audience attention. ▪ Presentation is well organized.	▪ Multimedia is used to clarify and illustrate the main points. ▪ Format enhances the content. ▪ Presentation captures audience attention. ▪ Presentation is organized and well laid out.	
References	No evidence	_____	_____	Evidence	
				TOTAL SCORE:	