UNI Environment, Technology and Society Capstone May 2020 Name\_\_\_\_\_\_\_\_\_\_\_\_

**Week 2** - Homework ***60 points***, please complete this then upload it to the individual google drive course folder I made for you. Also please remember to keep this as a word/google doc rather than converting to a pdf. **Due on or before, Tuesday June 2**, \**Your final projects are due on Friday June 5, So it is important that you start and make progress on them as soon as possible. I am reducing the amount of homework for Week 3 and Week 4 to help you dedicate time for the final weeks work, (final project with final homework*)

**Primer Questions** – Please answer these before interacting with any of the Week 3 content, please answer these ‘off the top of your head’ do not research the questions (5 points)

1. Technology

A. What does technology mean to you?

B. How do you use technology/how does it benefit you?

C. Can technology be harmful?

2. Toward the end of Jared Diamond’s book Collapse he brings up two possibilities that can help our civilization thrive. The first aspect is effective, thoughtful, and empathic leadership. Effective leaders/governments are capable of helping move a civilization forward toward sustainable/long-term health, prosperity and happiness; as well as lead its citizens through crisis including health, climate changes or natural hazards, economic depressions, conflict/war. All past civilizations have had good and poor leaders. The second aspect is somewhat unique to our current civilizations, we are the most technologically advanced civilization the Earth has ever seen. Diamond believes that it is possible that our technologies will be greatly involved in the fate of our civilization. List then briefly describe 5 technologies that will benefit our civilization in the long term and 5 that will harm our civilization in the long term… The Roman Civilization lasted about 1000 years, the Egyptian Civilization lasted about 3000 years… How can the U.S.A., European Union, or the countries of the Arabian Peninsula make it to 2776 or 4,776?

**Content found on this webpage** <https://www.exploreiowageology.org/ETS_CapstoneMay4Week.php>

A. Panopto, Dr. Heinzel’s Technology Intro. Presentation

B. Podcast #1034, 2017, Joe Rogan interviews Sebastian Junger, Listen ONLY from 7minutes 25sec TO 1hour 50minutes 40sec.

C. Reading, The Atlantic, April 2020, Capitalism’s Addiction Problem by Maya MacGuineas

**Content Questions** – The answers to these questions are in the content (60 points)

A. Heinzel Technology Intro – List the Big Ideas for this week. (5 points)

1. After watching this presentation have your ideas changed at all? 2pts

2. ‘Ancient’ vs modern construction, could we easily build the Great Pyramid, St. Peter’s Basilica or Notre Dame in Paris? Why or why not? What is different then versus now, to make construction styles so different? 2pts

\_\_\_\_\_ 3. This famous fountain celebrates the end of the line for Rome’s first aqueduct.1

A. Quatro Fiume B. Trevi C. Pantheon D. Della Barcaccia

B. Joe Rogan Interview Sebastian Junger in 2017, (30 points)

1. Detailed well organized notes that characterize the podcast’s complexity and separates the content’s scientific understandings from the participant’s (Rogan and Junger’s) opinions.

2. Summary of the important points presented in the podcast as they relate to your life and developing career.

C. The Atlantic, April 2020, Capitalism’s Addiction Problem, Maya MacGuineas (20 pts)

1. Write a summary of the article, than highlights the main/important points.

2. Write five questions you would like to learn more about after reading the article.

3. In a paragraph how does the article relate to your life and developing career?