

SE 494

Fall 2018

Portfolio Gen Ed Narrative Assignment

Due date: Nov 4, 2018

Submission of portfolio Gen Ed Narrative via Canvas

1. Submit the (1) list of gen ed courses; (2) How/if they impacted engineering education to be included in your portfolio. Please describe how your General Education Courses helped you to develop as a professional engineer. Write a reflection that incorporates your thoughts on each of the following questions.

List of Gen Ed. Courses from degree audit

- HIST 202 – World Civilization II
- PHIL 201 – Introduce to Philosophy
- ECON 101 – Introduction to Microeconomics
- SP CM 110 – Listening
- AF AM 3T16 (Transferred from study abroad) – African American Experience since 1945

GE1: What are your current short/long term goals? You may include your “ideal” career in engineering or your preferred working environment.

My short-term goal is to get a job as a technical consultant. I want to continue increasing my technical skills while being able to develop my soft skills in a professional environment. In the long-term, I want to either advance to project manager or potentially create/join a startup. I want to be given the opportunity to work with cutting edge technologies in the web development space. I aspire to become a full stack developer and work with agile teams and potentially manage multiple teams at a time in the future.

GE2: What have you learned in your general education electives, which allow you to formulate and evaluate engineering solutions in problem solving and innovation beyond the technical aspects in problem solving? How do general education classes help you to think about an engineering problem?

I can't say that the majority of my general education electives have had a profound impact on my education. I would say the exceptions to this are Listening and Intro to Philosophy. These taught me a lot about developing critical thinking skills, writing skills, and how to work well in small group environments. The others weren't as valuable as they didn't have much to do with my major and sometimes even

distracted me from other work. They taught me to work with people outside of my major and deal with different mindsets when it comes to collaborating on problems.

GE3: Relate what you have learned in general education classes to seeing beyond the engineering solution in problem solving and innovation. What are some other dimensions to consider and what impact do they have in an economic, global or societal context?

Something that my general education electives taught me that my engineering classes didn't was working with people outside of my major. Most of my classes have dealt with coding or skills pertaining to other technical savvy people. Also, my general classes I feel give me more inspiration for unique ideas that I realized I could use the skills from my core classes to implement. Another dimension to consider is the professional environment. I will likely be working in an office alongside people from all kinds of backgrounds. My history, philosophy, and communication classes may provide me with some knowledge or background that could help me resolve a conflict or lead by examples I've seen.