

Engineering careers assignment

Assigned: Friday, January 16

Due: Friday, February 13

One of the course objectives for ENGR 100 is for you to become more familiar with the various engineering disciplines. In this assignment you will do the following:

1. Identify an engineering career of interest.
2. Interview a UW faculty member or an engineer from industry (in person or via email).
3. Write a 1.5 – 2 page report (double spaced – 12 point font) in long memo format. The report will summarize the interview and discuss if this career is of interest to you.

Suggested questions for the interview:

- a. Why did they choose this career?
- b. Do they spend most of their time doing design, analysis, management or something else? If in academia, how much time do they spend on teaching versus research? (You might want to ask about the nature of their research).
- c. What preparation (academic, work experience) was necessary for the individual to succeed?
- d. Were they required to pass any professional exams or credential programs?
- e. What is the most challenging/rewarding aspect of their career?
- f. What advice do they have for students?
- g. etc....

Report

Your memo should include an introduction, body and conclusion. The introduction will provide the name of the individual, their position and the reason why you selected this person. The body will contain a summary of the interview. Be sure to properly quote the individual when reporting his or her exact words. In the conclusion state whether or not this career is of interest to you and why. If there are additional questions that you wished you had asked in the interview list them in the conclusion.