

Alternative Project Statement – Shortened Version

Design your Process for Becoming a “World-Class” Engineering Student

Engineers design products or processes to meet desired needs. Your desired need or goal (hopefully) is to graduate with your Bachelor of Science degree in engineering. But what is the process you need to apply to be successful in achieving this goal?

Task:

For each of the following items, develop a plan that will indicate:

- a. Where would a “world-class” engineering student want to be on each item
- b. Where you are currently on each item
- c. What you need to do to move from where you are to where you would need to be to become a “world-class” engineering student

By analyzing a. and b. you will be able to answer c., which will tell you what your process to success is! Keep in mind that your report will describe your process to success.

Items:

1. Goal Setting

- a. Setting your goal(s), i.e., major, time to graduation, GPA
- b. Strengthening and clarifying your commitment to your goal(s)
- c. Setting up a "Road Map"—a plan to guide you over the next years to graduation
- d. Understanding the essence of engineering

2. Community building

- a. Building relationships, and making effective use of your peers
- b. Participating in co-curricular activities

3. Academic development

- a. Navigating the university system, resources and academic advising
- b. Understanding teaching styles and learning styles and how to make the teaching/learning process work for you.

4. Personal development

- a. Enhancing your self-awareness and improving your skills to practice academic success strategies
- b. Outlining what attitudes and behaviors you need to change/add to be successful
- c. Managing time and tasks
- d. Engaging in good health and wellness practices including management of stress
- e. Developing a high sense of personal and professional integrity and ethical behavior

Deliverable: Describe your plan in a 10-12 page report