

Engineering Leadership Capstone Assignments

Stake	Assignment
Low	1) Develop a roadmap of experiences. The student will develop, using a supplied template, a summary of the key experiences for each semester of their academic career.
Medium	2) Write a 4-5 page paper answering the question: What have I learned about engineering, creating, innovating, collaborating, and delivering world-changing solutions?
Low	3) Write a 1-2 page paper answering the question: What did I learn about my strengths?
Medium	4) Write a 4-5 page paper answering the questions: What type of engineer do I intend to be? What world-changing solutions do I want to deliver? How will my academic experience help me do this?
Medium	5) Write a 4-5 page paper answering the question: How will I deliver world-changing solutions?
High	6) Develop a professional portfolio. The student will develop an electronic version of their roadmap using the portfolio tool.
High	7) Prepare a final 8-10 page paper that integrates the above learnings to answer the questions: <ol style="list-style-type: none"> a. What have I learned about engineering, creating, innovating, collaborating, and delivering world-changing solutions? b. Who am I? c. What world-changing solutions do I want to deliver? d. How will I deliver world-changing solutions?
High	8) Prepare an “elevator pitch” presentation that integrates the above learnings