



Katherine Brush

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Describe your overall duties/ responsibilities as a Refining Area Engineering Supervisor:

As a supervisor of small capital project engineers, I lead the technical and professional development and the work activities of the mechanical and civil Area Engineers. These engineers support the development, management, and completion of a wide range of small capital (<\$5MM) engineering and construction projects within the refining facility. Overall, what I love most about my role is the ability to develop a teamwork approach to providing services and create critical thinking leaders!

Explain the skills/abilities that are required for being successful in your role:

Within my role, I must have the ability to stimulate the development of communication and interpersonal skills of my engineers so they learn and develop in order to ensure that their projects are completed in a timely, cost effective, and quality-controlled manner. I have the privilege to work with newly graduated engineers eager to learn and co-ops who are pursuing their future career choices.

Not only do I need to have an advanced background in project management and technical engineering, but I also need to be able to clearly communication expectations to drive my team for results.

What advice would you give to students who are considering majoring in Mechanical Engineering?

Learn daily and get involved! Mechanical Engineering offer a board range of engineering career options, so gather experience and explore different paths. Get involved in clubs/organizations or intern/co-op where you can learn what an engineering job may look like daily. There are many different disciplines including project management fields to more technical design paths that each offer a unique experience with Mechanical Engineering, so explore what sparks your interest.

