

Name of Submitter: Heather Jones

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Presentation Title: *Hands-On, Minds-On STEM: Implementing the Engineering Design Process*

The engineering design process is a powerful framework for problem-solving, innovation and student engagement across all content areas. In this interactive session, participants experience a hands-on activity that models the engineering design process in action. Through guided discussion and collaboration, educators explore how the engineering design process can be **embedded into existing lessons and classroom activities** to promote critical thinking, creativity and resilience. **Participants then apply the process to an activity from their own classroom** — or design a new one — and share ideas for implementing the engineering design process in meaningful and engaging ways.

Presentation Target:

High School

Presenter(s):

1. Allison Lee, Assistant Professor, Campbell University School of Engineering
2. Mackenzie Osborne, Admissions Coordinator, Campbell University School of Engineering