



## WORKSHOP

# Teaching the Entrepreneurial Mindset to Engineering Students

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### WORKSHOP MODE

Online only

### OVERVIEW OF WORKSHOP

Workshop participants will walk away with a “self-contained kit” for integrating the entrepreneurial mindset into K-16 coursework (with particular focus on engineering undergraduate coursework).

### ACTIVITIES

Workshop activities include short lectures to showcase theoretical information, active learning to ideate lesson plans, and networking to share best practices.

### TARGET AUDIENCE

The target audience is K-16 engineering educators and/or pre-service engineering educators (e.g., students about to enter the academic job market). No prior knowledge is required.

### OUTCOMES

This workshop will provide participants with (1) a fool-proof step-by-step process for integrating the entrepreneurial mindset into the classroom, (2) provide an overview of how to convert the entrepreneurially-minded learning intervention into engineering education research for publication and dissemination, and (3) make a case for getting stakeholders (e.g., administration, peer instructional colleagues, students) onboard.

### REFERENCES

[Bosman, L. & Fernhaber, S. \(2021\). \*Teaching the Entrepreneurial Mindset Across the University: An Integrative Approach\*. Springer-Verlag GmbH](#)

[Bosman, L. & Fernhaber, S. \(2018\). \*Teaching the Entrepreneurial Mindset to Engineers\*. Springer-Verlag GmbH](#)

### KEYWORDS

Entrepreneurial mindset, experiential learning, instructor resources

### PRESENTER'S BACKGROUND

Dr. Lisa B. Bosman, Assistant Professor in the Department of Technology Leadership and Innovation at Purdue University, is an educator, researcher, innovator, and author. Her education research interests include the entrepreneurial mindset, interdisciplinary education, and faculty professional development. Dr. Bosman's desire to increase STEM (science, technology, engineering, mathematics) education accessibility and attainment has resulted in her founding of the Purdue University iAGREE Labs ([www.iagree.org](http://www.iagree.org)). She has authored over 50 publications in international and national journals and conferences. As a principal investigator, Dr. Bosman has obtained over \$2M in education research funding from agencies including the National Science Foundation, Environmental Protection Agency, National Aeronautics and Space Administration, and Agency for International Development. Dr. Bosman has been an invited speaker and workshop facilitator for numerous education-related engagements. She currently serves as a division officer for the American Society for Engineering Education and engineering councilor for the Council for Undergraduate Research.