

## Research Reflection Instructor Guide

### **Overview:**

This module is meant to be integrated into a freshman-level engineering course to introduce students to an entrepreneurial mindset in the context of research. The purpose of this activity is to have students reflect on the possibilities of pursuing research in their field.

### **Objectives:**

- Introduce Entrepreneurial Mindset in a research context
- Have students reflect on their potential to pursue research

### **Class time needed:** 10 minutes

- 5 minutes – View “What is Research?” Video
- 5 min. – Minute Paper Reflection

### **Instructor Resources:**

- Instructor Guide
- Minute Paper Research Reflection Handout

### **Class Preparation:**

- 1) Read through the Instructor guide
- 2) Read through the Minute Paper Research Reflection Handout.
- 3) Print out the Minute Paper Research Reflection Handouts.
- 4) Have some device ready to time out exactly 60 seconds.

### **Procedure:**

- 1) Watch “What is Research?” video.

- 2) Instruct students to reflect on the possibilities of pursuing a research career. Before distributing the handout, read through the prompts and instruct the students to reflect on their prompts before writing their answers.
- 3) Distribute **Minute Paper Research Reflection** handout. Have a timer to set up 60 seconds of reflection and 60 seconds of writing.