

# ABE 4043C

## ABE Capstone Senior Design II

Instructor: Dr. Eric McLamore

Spring Semester  
MW 3:00-3:50 PM  
2 Credits

### Define

Student teams work with a faculty mentor to learn how to define the problem context and significance of engineering design through writing objective statements

### Identify

Student teams learn how to identify standards that serve as design metrics.

### Brainstorm

Teams work with faculty and local experts to continuously refine concepts and shape ideas.

### Communicate

Students will gain skills in written, oral, and digital storytelling. This is a critical skill for translating design to stakeholders.

### Trade Study

Student teams in the course learn basic skills of portfolio analysis for conducting a priori trade studies.

### Select

Students learn how to select the most probable design solution that meets standards

### Prototype

Build, break, and build again until it works!

