

ADVANCING THE PRACTICE OF TEACHING CIVIL ENGINEERING

Learning Objectives

- **Compare** the elements of effective ABC bridge projects to elements of effective teaching
- **Describe** four subjective task values as motivators of action
- **Identify** one specific way to increase value in an assignment in your course

Elements for Effective Results

Accelerated Bridge Construction

Teaching Civil Engineering

All the world's a stage... including the civil engineering classroom!

“Value Engineering” in our Courses

Rank	Type of Value	Description	Examples

based on: Eccles, J., 2009, “Who am I and What Am I Going to With My Life? Personal and Collective Identities as Motivators of Action,” Educational Psychologist, 44(2), 78-89.

Increasing Value Across Civil Engineering

Easiest to implement? Why?

Other reflections:

Increasing Value in My Engineering Courses