EDCI 591/ENE 595 – Introduction to Teaching Engineering and Technology Design in the Context of Integrated STEM

Day/Time: Thursday 5:30pm to 8:20pm
Room: BRNG 3276
Instructors: Dr. Paul Asunda & Dr. Muhsin Menekse
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Description: This course provides an overview of theories and approaches to the K–12 STEM integration with a key focus on the engineering and technology design process to enhance student engagement and learning.

What you will learn? Learn how to design, develop, prototype, deliver and assess integrated K–12 STEM lessons utilizing engineering and technology design principles. In addition, learn how to use tools (e.g., CAD software & 3D printers) to design and create learning materials & artifacts.