



New Course for FALL 2017

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

Contact email: pasunda@purdue.edu

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.