New Graduate Certificate Program:

**Secondary Engineering Education**
http://tinyurl.com/engreducation

UC’s College of Engineering and Applied Science
12 credit hours

Want to make STEM a reality in your secondary classroom?

This new graduate certificate program will empower teachers to:

- Use the challenge-based learning teaching method to engage students.
- Describe and apply the engineering design process to solve a challenge.
- Create instructional units that incorporate math and science content in engineering design activities.
- Develop classroom management skills that enable challenge-based learning and engineering design activities to be incorporated in their classrooms.
- Describe different fields of engineering and be able to clearly communicate engineering career connections to their secondary students.

Students will take four classes online. Classes can count towards a Curriculum & Instruction master’s degree in School of Education. Partial scholarships are available.

**Required Courses: To be taken in 2018 Spring Semester**

- Engineering Foundations
- Engineering Education Certificate Capstone

**Elective Choices (choose two): To be taken in 2018 Summer Semester**

- Engineering Applications in Math
- Models and Applications in Physical Sciences
- Integrating STEM into Practice

Contact for more information & link to application
barneki@ucmail.uc.edu
513-556-6454

**ONE TIME OFFER:** ~75% scholarship available