

# Pitt-CIRTL

ENGR 3001/BIOSC 3001/CHEM 3001

## Preparation for the STEM Classroom (1 credit\*)

An Introduction to Evidence-Based STEM Teaching



**Tuesdays**  
**4:30 – 5:20 p.m.**

**Beginning Sept. 1**

University of Pittsburgh  
Swanson School of Engineering,  
Benedum Hall, Room 312

### Are you interested in...

- Pursuing an academic career?
- Learning how to become an effective teacher?

**Our MOOC-centered learning community and course might be for you!**

### What will I learn?

Designed for PhD students and post-docs planning for academic careers in the STEM disciplines, this course provides an introduction to the alignment model, evidence-based teaching practices, and the basics of teaching-as-research (TAR) project design. Interested faculty are also welcome to join. This course consists of a MOOC (Massive Open Online Course) coupled with an in-person local learning community.

### Topics include but are not limited to:

- How learning works
- Designing learning objectives
- Active learning pedagogy
- Assessing learning objectives
- Designing lesson plans
- Writing and reviewing teaching philosophy statements
- Developing a teaching-as-research (TAR) project

## To Register

### To register for credit (graduate students):

Go to [www.my.pitt.edu](http://www.my.pitt.edu) to add the class  
(ENGR CRN #25090; BIOSC CRN #27252; CHEM CRN #29869).

### To register not-for-credit (post-docs and faculty):

Go to [www.cirtl.pitt.edu](http://www.cirtl.pitt.edu)

If you have any questions about the course, please contact us at [cirtl@pitt.edu](mailto:cirtl@pitt.edu).

*\* May also be taken not-for-credit*

