

Eligibility

To take part in the seminar, faculty must:

- be able to make a two-semester commitment (Fall 2017 and Spring 2018)
- teach MAT 1275 in Spring 2018
- be willing to work in a highly collaborative environment
- be willing to use the OpenLab (<http://openlab.citytech.cuny.edu>) for all seminar-related activities and teaching (training and support will be provided)
- be willing to use WeBWork, a free and open source online homework system (<http://webwork.maa.org/>) (training and support will be provided)

Summary of Schedule and Expectations

Fall 2017

- **Activities:** Develop and revise teaching materials for MAT 1275 (College Algebra and Trigonometry).
- **Description:** Senior Fellows will provide support and guidance to new fellows as they develop their deliverables (in-person and on OpenLab). Fellows will also commit to actively using WeBWork and the OpenLab for all seminar-related work and teaching (as well as at least one of the following pedagogies: Flipped Instruction, Active Learning, Technology Enhanced Instruction). Senior Fellows will take on additional responsibilities, for example user testing for OERs and OpenLab enhancements.
- **Deliverables:** Fellows will provide:
 1. A new content-appropriate STEM application (a module or assignment) utilizing tools and techniques from the seminar.
 2. Associated OERs specific to that STEM application.
 3. Syllabus (or syllabus addendum) that explains the role of active learning strategies and OERs in their classroom.

Spring 2018

- **Activities:** Implement new course materials in MAT 1275, integrate OERs into the course, revise Fall 2017 deliverables. Fellows will implement at least one of the following teaching pedagogies in their pilot class: Flipped Instruction, Active Learning, Technology Enhanced Instruction.
- **Time:** Year-end professional development colloquium for City Tech and BMCC faculty. Each faculty participant will continue working with the team, including assisting in grant-wide assessment activities and participating in meetings (times TBD).
- **Description:** Fellows will teach MAT 1275 implementing their course enhancements. They will also use WeBWork and OpenLab OpenLab, and will participate in focus groups and other evaluation activities. Senior Fellows will take on additional responsibilities, for example user testing for OERs and OpenLab enhancements. They will also continue to provide support and guidance to new fellows.
- **Deliverables:** Fellows will provide revised versions of their Fall 2017 deliverables.

Compensation

Adjunct faculty fellows will receive compensation of \$2000 (\$1000 in Fall 2017, \$1000 in Spring 2018), dependent on participation and completion of deliverables.

Print Name

Signature

Date