



2014-2015 STEM/Applied STEM Institute for Faculty: Course Redesign for Active & Collaborative Learning

INSTITUTE DESCRIPTION

The TCC is excited to announce a new professional development opportunity for STEM and applied STEM faculty members. The Institute, hosted on MCC's Brighton campus during August 4-8, 2014, is a mix of interactive workshops and work time designed to help you learn about and implement active & collaborative learning techniques. With the help of MCC coaches, you will learn new techniques, effective implementation strategies, solutions to common problems, and various assessment methods. By the end of the week, you will have successfully redesigned a chapter/lesson in your course with active & collaborative techniques, creating a learner-centered classroom. After the week-long Institute, you will have the knowledge, the skills, and the support to continue redesigning lessons in preparation for the upcoming semester.

During the Fall 2014 semester, we will continue to support you with a Faculty Learning Community (FLC) and additional time with your coach. The FLC, led by the TCC Coordinator, will meet monthly to continue the cohort experience, giving you an opportunity to share ideas, receive feedback, and support your colleagues. By the end of this experience, the STEM/Applied STEM Institute provides:

- The research, the tools, and the guidance to use active & collaborative learning techniques
- Dedicated time to focus on course planning and redesign with techniques that foster student engagement
- The opportunity to interact and exchange ideas with others in STEM and applied STEM disciplines
- Coaching during and after the institute to help implement effectively

INSTITUTE EXPECTATIONS

If accepted to the STEM/Applied STEM Institute, you are expected to:

1. Attend the entire STEM/Applied STEM Institute August 4-8, 2014 from 8:30 am – 4 pm and redesign additional lessons using the new technique during August 2014.
2. Commit to using redesigned lessons during the Fall 2014 and Spring 2015 semesters.
3. Participate in the Fall 2014 Faculty Learning Community
4. Participate in various assessments such as student opinion surveys, faculty surveys, and participant reflections. Details will be provided during the Institute.
5. Share your innovations and experiences with the academic community (e.g., events sponsored by the Teaching & Creativity center, conferences in your disciplines, etc.).

STIPEND: \$1,500 per participant

Funding provided by the Xerox STEM Grant Project.

QUESTIONS? Please contact Neeta Primo at nprimo@monroecc.edu or 292-2959.

APPLICATIONS WILL BE AVAILABLE MARCH 1ST ON THE TCC WEBSITE!

<http://web.monroecc.edu/tcc/>