



**EDUC 620**

# A CONSTRUCTIVIST APPROACH TO TEACHING MATHEMATICS

**Wednesdays, August 30 - December 6, 2017, from 4:00 p.m. to 7:00 p.m.**

Participants will explore mathematical content and processes outlined in the NCTM and PA Core Standards using a collaborative, problem-solving approach. Teachers will inquire into their own mathematics teaching in order to develop, implement, and analyze instructional activities aligned with the principles of constructivism.

**PLEASE NOTE:**

Moravian College's graduate education tuition is priced at or below the Pennsylvania State System of Higher Education rate. The non-matriculated application form, needed for enrollment in any course, can be found at: [moravian.edu/gradapply](http://moravian.edu/gradapply)



Carolyn Mitten, Ph.D., is an Assistant Professor in the Education Department at Moravian College. Currently, she teaches mathematics methods courses for elementary and secondary preservice teachers. Mitten earned her M.Ed. from Penn State Harrisburg and her Ph.D. from the University of Florida. Prior to completing her doctoral degree, she taught middle and high school mathematics in Pennsylvania public schools. She has also taught undergraduate and graduate level mathematics education courses at several institutions. Over the past few years, Mitten has presented at multiple national conferences and her work has appeared in *Studies in Higher Education* and *Australian Primary Mathematics Classroom*. Her current research interests include formative assessment for mathematics instruction, addressing the needs of diverse learners through equitable mathematics teaching practices, and preparing mathematics educators to implement high-leverage teaching practices.