**Mathematics Education Courses:**

The Ohio State University regional campuses are offering selected on-line courses, in a rotation, across the campuses. A total of four courses will be offered. All courses serve as general, graduate level, professional development courses for mathematics educators across the state. Additionally, all courses meet requirements in the School of Teaching and Learning P-6 Mathematics Specialist Endorsement.

**Courses (all courses are 2 credit hours each):**

**TL 7705: Cognition and Socio-Cultural Issues in School Mathematics.** To be successful educators, participants need to have knowledge of child development, child psychology, and influences on student learning such as cultural diversity, limited English proficiency, gender, and physical challenges.

**TL 7711: Number and Algebra.** Students will understand concepts such as number, number sense, variable, and equality through an opportunity to learn at a deeper level and to examine instructional strategies to help students.

**TL 7712: Measurement and Geometry.** Students will understand concepts such as spatial sense, units of measure, and work with two-and three-dimensional objects through an opportunity to learn at a deeper level and to examine instructional strategies to help students.

**TL 7713: Data Analysis and Probability.** Students will understand concepts such as chance and possible outcomes and predicting events as likely or unlikely, and testing predictions, and representational skills to depict and analyze data sets.

**On-Line Rotation Schedule:**

- Ed T&L 7711: Number and Algebra  
  SP 15 Marion
- Ed T&L 7705: Cognition and Socio-Cultural Issues in School Mathematics  
  SU 15 Mansfield
- Ed T&L 7712: Measurement and Geometry  
  AU 15 Newark
- Ed T&L 7713: Data Analysis and Probability  
  SP 16 Lima
- Ed T&L 7705: Cognition and Socio-Cultural Issues in School Mathematics  
  SU 16 Mansfield
- Ed T&L 7711: Number and Algebra  
  AU 16 Marion
- Ed T&L 7712: Measurement and Geometry  
  SP 17 Newark
- Ed T&L 7713: Data Analysis and Probability  
  SU 17 Lima

**Important Links:**

For information on how to pursue graduate study at The Ohio State University, please follow this link:  
http://gradadmissions.osu.edu/

For tuition information, please visit this site and scroll to the bottom for regional campus information:  
http://registrar.osu.edu/feetables/Web_AU14_Fee_Table/FeeTables_AU14.htm

**Fee waivers:** Fee waivers from OSU are redeemable across OSU campuses and may be used for these courses. Please contact your school district's administration to see if you are eligible.

**To Enroll:**

You may contact the advising office at any regional campus for assistance. Contact numbers are:  
Newark: (740) 366-9333  
Mansfield: (419) 755-4317  
Marion: (740) 725-6334  
Lima: (419) 995-8264