

M Mathematics E Education L Leadership T Training

Summer Institutes 2018

Week 1: June 25-29, 2018

- ◆ Math 1 (1st high school math)
- ◆ Probability & Statistics (9-12)
- ◆ Mathematical Practices & Processes (K-5 & 6-8)
- ◆ STEM Content & Leadership (K-5)
- ◆ Digital Learning & Mathematics Education Technology (6-12)
ONLINE

Week 2: July 9-13, 2018

- ◆ Math 3 (3rd high school math)
- ◆ STEM Leadership (6-12)
- ◆ Numbers & Operations (K-5 & 6-8)
- ◆ Literacy in Mathematics (K-8)
- ◆ Differentiating Instruction & Assessment (K-12) ONLINE

Week 3: July 16-20, 2018

- ◆ Math 2 (2nd high school math)
- ◆ Instructional Leaders (K-12)
- ◆ First 3-Years & Lateral Entry Teachers (K-12)
- ◆ Patterns & Algebraic Thinking (K-5)
- ◆ Algebraic Reasoning & Algebra (6-8)
- ◆ Digital Learning & Mathematics Education Technology (K-5)
ONLINE

MELT week-long *Summer Institutes* are open to all K-12 and community college mathematics faculty. MELT *Summer Institutes* are developed to meet the needs of mathematics teachers in and beyond North Carolina.

MELT *Summer Institutes* focus on mathematical content and instructional techniques mirroring the nature, philosophy, structure, and intent of national and state standards. Each *Summer Institute* considers: appropriate and integrated mathematical content; instruction and learning through inquiry-based methods, mathematical modeling, using technology, assessment strategies, reasoning and problem solving, Standards on Mathematical Practices, and investigating teacher and student beliefs; and the leadership needed for teachers to bring their novel understanding and experiences back to their classrooms, schools, districts, and the state.

Due to continually restructuring, refocusing, and enhancing these *Summer Institutes*, even past MELT participants can benefit from this new program design. Therefore, all K-12 mathematics teachers and instructional coaches are invited to participate.

To see full descriptions of the MELT Program and MELT *Summer Institutes*, check <http://melt.appstate.edu>.

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