

# EDMT Educ Math-GOML

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**EDMT 7360 Integration Technology in Math Instruction****3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.**

Students examine the role of technologies in the teaching and learning of mathematics, with a particular focus on classrooms within urban environments. Course includes hands-on experience with graphing calculators, computer software tools, Internet resources, and instructional materials for integrating technology in mathematics instruction.

**EDMT 7560 Theory & Pedagogy of Math Instruction****3 Credit Hours. 3 Lecture Hours. 0 Lab Hours.****EDMT 8430 Sociocult/Hist Issues Math Education****3 Credit Hours. 0 Lecture Hours. 0 Lab Hours.**

Students explore cultural, economic, political, and social structures and discourses as they relate to mathematics, mathematics teaching and learning, and research in mathematics. Course includes an examination of how research in mathematics and mathematics education is framed and enacted within different theoretical frameworks.