EDMT-Educ Math-GOML

EDMT  7360  Integration Tech in Math Instr  
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 Inst  
3 Credit Hours.  3 Lecture Hours.  0 Lab Hours.  

EDMT  8430  Sociocult/Hist Issues Math Ed  
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.