

SED 437 : Methods/Materials of Teaching Mathematics

This course is designed to prepare prospective secondary teacher candidates with research-based mathematical experiences utilizing mathematical practices such as reason, problem solving, representing mathematics ideas, etc. in grades 6–12. The candidates will study curriculum with special emphasis on classroom management/discipline, learning styles, mathematical instructional strategies, integration of technology in math, utilize manipulatives in traditional/diverse learning settings, and create assessments. Teacher candidates will also plan, develop, and implement a mathematics teaching unit in a 6–12 classroom setting.

Credits 3

Prerequisites

Admission to the Teacher Education Program. Public or private school field experience is a requirement for this course. Membership in the Student Alabama Education Association is required in order to take this course.