

MTT 392: Guided Study In Mathematics Education

I. Basic Course Information

MTT 392, is an upper level course for students interested in studying topics that are not covered in the regularly offered courses. The course is given as a group study course. A small group (3 or 4) of students agrees to take the course and work together during the semester on a specific topic. To register for the course, students must make arrangements with a faculty member of the department who agrees to serve as a mentor for the guided study. Students must have a 3.0 GPA to register for the course.

The faculty mentor and student(s) will write a proposal explaining the subject matter that will be studied as well as the way the student's work will be assessed. A guided study contract/enrollment form must be prepared by the student, approved by the faculty mentor and the department chairperson, and submitted to the Office of Records and Registration at the time the student registers for the course. Registration for guided study will be accepted only through the first week of the semester.

II. Learning Goals

1. A deep understanding of some selected topics in mathematics education.
2. To improve student's ability to work and collaborate with peers.

III. Student Assessment

Students will meet with their faculty mentor on a weekly basis. They will have weekly assignments that they will discuss with their peers and the faculty mentor. They will be assessed, by the faculty mentor, based on their weekly progress. At the end of the semester students must present the results of their study to the faculty mentor.

IV. Learning Activities

The learning activities will be decided by the faculty mentor. They will be specified in the original proposal submitted to the department chairperson for approval.