This course will introduce students to the relationships between mathematics and cultures and how an understanding of these relationships can increase learning and success in the mathematics classroom. The main focus of this course is on current cultures and their mathematics although some history of cultural mathematics will be covered. Cultures from around the world will be examined and students will also be given the opportunity to study cultures of particular interest to them or of particular relevance to their career as an educator. This course is designed for students studying to become and students who already are mathematics educators. Prerequisite(s): Junior-level status, graduate status, or consent of instructor.

The idea that mathematics is value- and culture-free will be challenged and students will appreciate why this matters in mathematics education.

discover that all cultures engage in mathematical activities.

learn how to alter currently used lesson plans or develop new lesson plans that incorporate cultural aspects that are relevant to their students.

develop and understanding of the relationship between mathematical ideas and cultures.

will learn how to modify traditional mathematics education so it is culturally relevant.
F. LEARNER OUTCOMES ASSESSMENT
   As noted on course syllabus

G. SPECIAL INFORMATION
   None noted