MAT 443: Real Analysis I

An introductory approach to the real numbers and completeness, Inverse Function Theorem and its application, limits, sequences and series, uniform continuity, theory of differentiation and integration, sequences and series of functions, and Fourier series theory.

Credits: Credits 3
Notes:
Notes
PCEN for Mathematics majors.
Prerequisites:
Prerequisites
A grade of "C" or better in MAT 225
Semester Offered:
Semester Offered
Offered spring semester, even-numbered years.