MAT 3140 - Introduction to Real Analysis I (4)

Axioms of the real numbers; sequences and convergence; topology of R and Rn; limits of functions; continuity and uniform continuity of functions; differentiation; Riemann's theory of integration; the Fundamental Theorem of Calculus; sequences of functions and uniform convergence.

Prerequisite(s): C or better in MAT 310 or MAT 3100; and MAT 215 or MAT 2140.
Component(s): Lecture
Grading Basis: Graded Only
Repeat for Credit: May be taken only once
Course Category: Major Course