



Catalog Description:

4547-4548 involved advanced calculus covering: sequences, limits, continuity, differentiation, Riemann integral, sequences and series of functions, Taylor series, and improper integrals.

Prerequisite:

C- or better in 3345, or credit for 345.

Text:

Introduction to Real Analysis, 4th edition, by Bartle & Sherbert, published by Wiley,
ISBN: 9780471433316

Topics List:

- Ch. 1 Preliminaries
- Ch. 2 The Real Numbers
- Ch. 3 Sequences and Series
- Ch. 4 Limits
- Ch. 5 Continuous functions