



Catalog Description:

Continuation of Math 4547.

Prerequisite:

C- or better in 4547, or credit for 548.

Text:

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

Topics List:

1. Uniform continuity.
2. Derivatives.
3. Mean Value Theorem, L'Hôpital's rule.
4. Taylor series.
5. Riemann integral.
6. Exponential and logarithmic functions.
7. Sequences and series of functions.