Mathematics 4548   **3 credits**   **Introductory Analysis II**
Au, Sp

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'Hˆopital's rule.
4. Taylor series.
5. Riemann integral.
6. Exponential and logarithmic functions.
7. Sequences and series of functions.

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