Advanced Calculus II -- Fall 2016

MTH 428/528 - 3 - Advanced Calculus II. A rigorous development of algebra and topology of Euclidean spaces, differentiability and integrability of functions of several variables. PR: MTH427. 3 Credit Hours

- Time and Place: TR 2:00-3:15 at 437 Smith Hall
- Instructor: [Peter Saveliev](#) (call me Peter)
- Office: Smith Hall 713
- Office Hours: MW 2:30 - 5:00, or by appointment
- Office Phone: x4639
- E-mail: saveliev@marshall.edu
- Class Web-Page: math03.com
- Prerequisites: linear algebra (proofs based)
- Text: [A First Course in Real Analysis by Protter and Morrey](#) (Chapters 2-5,9)
- Goals: good familiarity with the foundations of Calculus and beginning of mathematical analysis, ability to work in the definition-theorem-proof format.
- Grade Breakdown:
    - homework and quizzes: 30%
    - midterm: 30%
    - final exam: 40%
- Letter Grades: A: 90-100, B: 80-89, C: 70-79, D: 60-69, F: <60

See also [Course policy](#) and [Student's guide to proof writing](#).