

Synopsis (Spring 2014)

Math 3310 Basic Real Variables (3.00) Course Description: Concentrates on proving the basic theorems of calculus, with due attention to the beginner with little or no experience in the techniques of proof. Includes limits, continuity, differentiability, the Bolzano-Weierstrass theorem, Taylor's theorem, integrability of continuous functions, and uniform convergence.

Prerequisite: MATH 1320.

Section 2 TR 11:00 – 12:15 Monroe Hall 111

Mr. Donald Ramirez

Office: KER 206

Office Telephone: 434-924-4934

e-mail: der@virginia.edu

home page: www.math.virginia.edu/~der

Office Hours: 12:15-13:15 on Tuesday and Thursday. The Thursday Office Hours will change to Wednesday for the weeks when the tests occur on Thursday.

Text: William R. Wade, *Introduction to Analysis, 4-th Edition*, Pearson (2010).

We will cover selected topics from PART I ONE-DIMENSIONAL THEORY with emphasis on Chapters 1 to 5.

Last update January 7, 2014

