Synopsis (Summer 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 1 MTWRF 1:00 to 3:15 Ker 317
        Exam is Saturday June 14, 2014 1:00 to 3:30 PM

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Office Hours: 15:15 to 15:30

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 updated April 28, 2014