

MATH 201-A FALL 2009

REAL ANALYSIS

INSTRUCTOR : Gustavo Ponce (off. SH 6505 #8938365)

SCHEDULE : TR 12³⁰-1⁴⁵

ROOM : GIRV 2108

OFFICE HOURS : T W 2-3³⁰

TEXTBOOKS : “Real Analysis” by E. M. Stein and R. Shakachi

PROGRAM : We shall cover the first four Chapters in the textbook

EVALUATION : Midterm (30%) Nov. 5.

Homeworks and Quizzes (30%)

Final (40%) Tuesday Dec. 8 from 12 to 3 pm

—HW #1 due Oct. 8 in class : Ch. 1 suggested exercises 1,2, 5-7, 9-11, 13, 14.

only the following exercises will be collected : 2, 5, 10, 13, 14.

—HW #2 due Oct. 15 in class : Ch. 1 suggested : 16, 17, 21, 27, 30, 35, 37, 39

only the following exercises will be collected : 16, 27, 35, 37.

—HW #3 due Oct. 27 in class : Ch. 2 suggested: 1, 6, 7, 8, 9, 10, 11, 12, 15, 19

only the following exercises will be collected : 6, 9, 10, 12, 19.

—HW #4 due Nov. 3 in class : Ch. 2 suggested: 4, 5, 17, 18, 21 (a)-(d), 24

only the following exercises will be collected : 5, 17, 21, (a)-(d), 24.

—HW #5 due Nov. 12 in class : Ch. 3 suggested: 1-5, 8, 9

only the following exercises will be collected : 1, 2, 4, 9.

—HW #6 due Nov. 24 in class or before : Ch. 3, ex. 11, 13, 17, 19, 32 all exercises these will be collected.

—HW #7 due Dec. 4 before 4 PM (in my mailbox) Ch. 4, ex. 1, 4, 7, 11, 15.

MID-TERM Nov. 5

FINAL Dec. 8 from 12 to 3 pm