

REAL VARIABLES I (MATH-431-01)

Professor RALUCA FELEA

Course Syllabus

Office: 08-2274

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Office hours: M, W, 11:00 am -12:00 pm or by appointment

URL: MyCourses

Class location: M, W 2:00 - 3:50 pm, GOS 2130.

Text: Principles of Mathematical Analysis, third edition, by Walter Rudin.

Course description: This course is an investigation and extension of the theoretical aspects of elementary calculus. Topics include mathematical induction, real numbers, sequences, series, functions, limits, and continuity.

Prerequisites: COS-MATH-200 and -221.

Help: Walk in, free tutoring by Math Faculty and Majors in College of Science in the Bates Study Center.

Grading:

- Midterms (2): 120 points each (24%).
- Final exam: 140 points (28%).
- Homeworks (8): 120 points (24%).

Grades Guidelines:

A: 93-100; A-: 89-92
B+: 84 – 88; B: 81-83; B-: 78-80
C+: 74 – 77; C: 71-73; C-: 67-70
D: 55-66
F: 54 and below

Homeworks: Assigned on Wednesdays. ***Homeworks will be uploaded on MyCourses. Help for homeworks is available only at the office hours or by email.***

Midterms: Feb 28, April 3rd. Show your work. Any good answer with no explanation will be graded with 0 points. Partial credit is available.

Make-ups: No make up exams unless there is a medical or family emergency. Please notify me by email.

Calculators: You are not allowed to use calculators for exams.

Early alerts: It is important to respond to the early alerts.

MyCourses: Used for posting grades, announcements, calendar, syllabus, class notes, homeworks, OH Zoom ID.

Note: No retake of midterms are allowed. No make up of homeworks or exams after the final exam day!!

Behavior in class: Be a good student! Come to class with the idea that you want to learn. Be involved in the lecture and **do not disturb your colleagues**. Take good notes. Read the textbook and the notes. Do the homeworks. Review the material regularly.

Accommodations: RIT is committed to providing reasonable accommodations to students with disabilities. If you need accommodations such as special seating, testing modifications, or note taking services due to a disability, please go to the Disability Services Office. Contact information for the DSO and information about how to request adjustments, can be found at <https://www.rit.edu/disabilityservices>. If you receive accommodation approval, it is imperative that you see me during office hours so that we can work out whatever arrangement is necessary.

Academic Integrity Statement: As an institution of higher learning, RIT expects students to behave honestly and ethically at all times, especially when submitting work for evaluation in conjunction with any course or degree requirement. The School of Math Sciences encourages all students to become familiar with the RIT Honor Code and with RIT's Academic Honesty Policy.

