

Unique Number 57280

Class Meetings TTh 12:30 pm – 2:00 pm in RLM 5.116

Instructor Alistair Windsor, RLM 10.132

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Ph: 471-1141

Office hours:

- Monday 10am - 12 noon
- Friday 2pm - 3pm
- By appointment.

Text *Introduction to Real Analysis* by Robert G. Bartle and Donald R. Sherbert. Third Edition. Published by John Wiley and Sons, Inc.

We will cover Chapters 2 - 7 and, time permitting, parts of Chapters 8 and 9. Homework questions will **not** be assigned directly from the book.

Blackboard Homework, announcements, and course materials will be posted via the Blackboard system

<https://courses.utexas.edu>

Grades will be handled by e-Gradebook

<https://utdirect.utexas.edu/diia/egb/>

Assessment Your overall course grade will be determined by your homework, and exam grades in the following proportions:

- 30% homework
- 15% first examination
- 15% second examination
- 15% third examination
- 25% comprehensive final examination during exam week

Make-up examinations will not be given except in exceptional circumstances.

Homework Homework will be assigned on a weekly basis. You are welcome to discuss the homework with other students but must submit your own work. Doing the homework is your practice at proving things and is an intrinsic part of the course.

- Material on the homework is examinable.
- Homework will be collected at the start of class typically on Tuesdays.
- Late homework will **not** be accepted without prior arrangement.
- Homework must be *neatly* written and stapled.
- *Full* explanations in *full* sentences must be given for all questions.
- Homework will be *difficult* and you should begin each assignment early.

- Course Goals** The course aims to prepare students to:
- understand how to structure and write a proof.
 - understand how to make rigorous the standard theorems of the calculus.
 - understand the vocabulary and basic theorems of real analysts.

- Strategies for Success** Successful students will
- Attend class
 - Review their notes between classes
 - Start the homework early and ask questions in office hours
 - Complete the homework with complete and logically organized solutions
 - Come to office hours with specific questions

Academic Integrity Students who violate University rules on scholastic dishonesty are subject to disciplinary penalties, including the possibility of failure in the course and/or dismissal from the University. Since such dishonesty harms the individual, all students, and the integrity of the University, policies on scholastic dishonesty will be strictly enforced.
For further information please visit the Student Judicial Services website at <http://www.utexas.edu/depts/dos/sjs/>

Disabilities The University of Texas provides, upon request, appropriate academic accommodations for qualified students with disabilities. For more information please contact the Office of the Dean of Students at 471-6259, 471-4641 TTY.