

**Instructor:**

Professor Monica Torres  
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Office: MATH 634

**Course information:** Lecture notes for the class are found on my website:

[www.math.purdue.edu/~torresm/introduction-real-analysis.html](http://www.math.purdue.edu/~torresm/introduction-real-analysis.html)

Note: Do not copy-paste this address. Instead, type it directly on your browser.

**Remarks:** The notes posted on my website do not replace in person classes. Students are expected to attend the class. Extra examples or additional explanations, necessary for the midterms, will be given in class.

Since there might be some resources online to help solve the homework problems, it is remarked that relying on this help without understanding the material will affect the performance of the students in the exams.

Calculators are not allowed in the exams.

**Homeworks:**

- Homeworks have to be submitted every Friday. Homeworks must be uploaded on Brightspace.
- Homework problems and due dates for each assignment will be posted on the website for this class (see above).
- The lowest homework grade will be dropped in the final calculation of your grade.
- All grades will be posted on Brightspace.

**Book:**

Principles of Mathematical Analysis, Third Edition, by Walter Rudin (Author).

**Tests:**

We will have two midterms at night. We will also have a final exam. The dates and location of the exam will be posted on my website.

**Grades:**

Homework 20%  
Midterm 1 25%  
Midterm 2 25%  
Final exam 30%

How to calculate your final grade: Each homework will be graded using a 0-20 point scale. Each of the 3 exams will be graded using a 0-100 points scale. For example, if at the end of the semester a student has an average of 18/20 in homeworks, and the grades of the exams are 80/100 (first midterm), 92/100 (second midterm) and 82/100 (final exam), then the final number is calculated as follows:  $80 (.25) + 92 (.25) + 18 + 82 (.30) = 85.6$ . Hence, the final percentage would be 85.6%

According to the math department policy, students who get at least 97% of the total points in this course are guaranteed an A+, 93% guarantees an A, 90% an A-, 87% a B+, 83% a B, 80% a B-, 77% a C+, 73% a C, 70% a C-, 67% a D+, 63% a D, and 60% a D-. For each of these grades, a lower percentage might be enough to get that grade. This will depend on the overall performance of the class.

**Information about the Disability Resource Center:**

Purdue University strives to make learning experiences accessible to all participants. If you anticipate or experience physical or academic barriers based on disability, you are welcome to let me know so that we can discuss options. You are also encouraged to contact the Disability Resource Center at: [drc@purdue.edu](mailto:drc@purdue.edu) or by phone at 765-494-1247.

If you have been certified by the Disability Resource Center (DRC) as eligible for accommodations, you should contact your instructor to discuss your accommodations as soon as possible. Here are instructions for sending your Course Accessibility Letter to your instructor: <https://www.purdue.edu/drc/students/course-accessibility-letter.php>