



Email: [mjury@ufl.edu](mailto:mjury@ufl.edu)

Office: Little Hall 484

Office Hours: TBA

The text for the course is

[Principles of Mathematical Analysis](#), by Walter Rudin, McGraw-Hill 1976.

In this course we will cover most of chapters 1–6 of the text. Topics include the real and complex number systems, metric spaces and basic topology, (especially compact sets), sequences and series, continuity, differentiation, the mean value theorem, Taylor's theorem, and the Riemann integral

Friday 8/24: Least upper bound property, inf and sup of sets of reals. Homework 1 assigned.

Wednesday 8/22: Introduction to the course. Ordered fields and the least upper bound property.

Homework will be assigned and graded weekly; assignments will be posted below as the semester progresses.

[Week 1 Homework](#) (due Wednesday 8/29)

There will be two exams during the term, each counting for 1/4 of the grade. The homework average will count for 1/2 the final grade.

Exam 1: TBA

Exam 2: TBA

**Grades:** Grading will be in accord with the UF policy stated at <https://catalog.ufl.edu/ugrad/current/regulations/info/grades.aspx>.

**Honor Code:** "UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The [Honor Code](#) specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."

**Class Attendance:** "Requirements for class attendance and make-up exams, assignments, and other work in this course are consistent with university policies that can be found at: <https://catalog.ufl.edu/ugrad/current/regulations/info/attendance.aspx>."

**Accommodations for Students with Disabilities:** "Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, <https://www.dso.ufl.edu/drc/>) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester."

**Online Evaluations:** "Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at

<https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/>."

**Contact information for the Counseling and Wellness Center:** <https://counseling.ufl.edu/>, 392-1575; and the University Police Department: 392-1111 or 9-1-1 for emergencies.



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