Math 5615H: Introduction to Analysis
Fall Semester 2017

Lectures: M W F 12:20–1:10 in Vincent Hall 2.

Professor: Robert Gulliver, Vincent Hall 452. Phone: (612) 625-1560.
Office hours M W 11:15–12:20, F 2:30–3:20, or by appointment.
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Textbook: *Principles of Mathematical Analysis* 3rd Edition by Walter Rudin
McGraw-Hill, New York 1976.

Supplementary reference: *R. Strichartz*, "The Way of Analysis", 2000 or 1995 edition.
Both books are on reserve in Math library, VinH, 3rd floor.

Grading: Homework 25%, Midterms 20% each, Final 35%.

Midterm Exams:

Exam I wll be given Friday, October 6. It will cover Chapter 1, except pp. 18–21; and Chapter 2.
Exam II will be given Friday, November 17. It will cover Chapter 3 and Chapter 4. .

The **Final Exam** will be given 1:30 - 3:30 PM Monday, December 18, in the regular room, Vincent H 2. Material covered will be as found in Chapters 1–5 of Rudin.

Homework will be due every Wednesday, except the first week.