Math 5615H: Introduction to Analysis
Fall Semester 2017

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

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**Textbook:** *Principles of Mathematical Analysis* 3rd Edition by Walter Rudin

**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** will 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.