Basic Outline:

- Vector-valued Riemann integration
- Lebesgue measure
- Lebesgue integration
- $L^p$ spaces
- Hilbert spaces
- Fourier analysis

Exams: There will be one midterm examination and one final examination. Once the times and the locations of these exams is known, that information will be posted to the LEARN website.

Grading: You will receive the maximum of the grades determined by the following two schemes:

- Assignments: 25%, Midterm: 30%, Final: 45%;
- Assignments: 25%, Midterm: 20%, Final: 55%.

Comments:

1. There will be approximately 8 assignments, handed out on an (almost) weekly basis. All but your worst assignment will count towards your assignment grade.

2. Solutions will be posted on the above webpage immediately after the due date. Because of this, late homework assignments will not be accepted.

3. Unclaimed assignments and midterms will be held for three weeks after the grades have been posted to QUEST. After that, they will be destroyed in accordance with University policy.

4. A statement regarding Academic offenses and information for students with disabilities can be found on the course webpage. You are expected to have read these.