

Isfahan University of Technology
Department of Mathematical Sciences
Functional Analysis
Winter 2014

Instructor: S. M. Manjeagni

Contact Information:

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Office Hours: Monday from 8:30 am to 10:30 am or by appointment.

Lectures: Monday and Wednesday from 8:00 am to 10:00 am. Department of Mathematical Sciences, room 6.

Text book: : Elementary Functional Analysis, Barbara D. MacClure

Class Description: Hilbert spaces, Operator Theory Basics. Hahan-Banach Theorem, Compact operators, Banach C*-Algebras and Spectral Theorem.

Perquisites: Real Analysis and Linear Algebra.

Marks: Final marks will be weighted as follows:

1. Assignments: 10%.
2. Midterm test: 30%.
3. Final exam: 60% .

Important Dates:

1. Midterm Test: Wednesday 1394/02/09
2. Final Exam: 1394/03/20 from 8:30 am to 11:30

Good Luck