

MATH 675-001: Linear Analysis I
Syllabus, Fall 2009

GENERAL INFORMATION

Last Day to Add – September 15, **Last Day to Drop** – October 2.

If you are student with a disability and need academic accommodations, please see me and contact the Disability Resource Center (DRC) at 703-993-2474. All academic accommodations must be arranged through that office.

Prerequisite. Grade *B* or better in MATH 315 and MATH 322 or their equivalent.

Textbook required. A. Kolmogorov and V. Fomin, *Introductory real analysis*, Dover, New York, 1970.

Material to be covered. Chapters 2-6 (with some sections omitted).

Homework. Homework problems be assigned regularly. Although these will not be collected, success in midterms and final exam depend strongly on their completing and understanding.

Attendance and Make-Ups. Each student is expected to come to class regularly. No make-ups for exams are allowed unless you have a very serious written excuse. Do not expect to take the final early.

Exams. There will be two midterm exams and final exam. All exams are closed-book, closed-notes, with no calculators.

Grading. Each midterm is worth 30 points, and final exam is worth 40 points. Your total grade is the sum of points for the midterms and final. Grading scale is given in the table below.

<i>A+</i>	<i>A</i>	<i>A-</i>	<i>B+</i>	<i>B</i>	<i>B-</i>	<i>C+</i>	<i>C</i>	<i>C-</i>	<i>D</i>	<i>F</i>
100-98	97-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-60	59-0

OFFICE INFORMATION

<i>Lectures schedule</i>	MW, 4:30 pm–5:45 pm
<i>Lectures place</i>	Sci. & Tech. I, Room 242
<i>Instructor</i>	Dr. Val Soltan
<i>Office</i>	Sci. & Tech. I, Room 241
<i>Office hours</i>	MW, 1:00 pm–4:00 pm, or by appointment.
<i>Phone</i>	(703) 993-1474
<i>E-mail</i>	vsoltan@gmu.edu
<i>Course web page</i>	http://math.gmu.edu/~vsoltan

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COURSE OUTLINE

Section	Homework Problems
5	1,2,5.
6	1,2,3,4,5,6,9,10,12.
7	1,2,3,4,5,6,7,8.
8	1.
9	1,2.
10	none.
11	1,2.
13	1,2,3,4,5.
14	1,2,3,4,5.
15	1,2,4,5,6,7.
16	1,4,5,6,7,10,11.
17	1,2,3,4,6,8.
18	1,2,3,7.
19	1,2,3.
20	2,4,5.
22	1,2.
23	1,3,5,6.
24	1,2,4.