MAT 485 – M004, Spring 2016
TuTh 12:30pm - 1:50pm, Carnegie 200

Instructor: *Tadeusz Iwaniec*,
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Office hours: TuTh 2:00pm-3:00pm, and by appointment

Textbook: *Differential Equations and Linear Algebra* (Second Edition), by Farlow, Hall, McDill, and West, Prentice Hall, 2007.

Exams: There are two in-class exams,
on **Tuesday March 1** and
on **Tuesday April 19**,
each worth 25% of your grade.

Final Exam is on Friday May 6, 5:15-7:15 PM in Carnegie 200,

it is comprehensive, and it is worth 30% of your grade. There are no make-up semester exams, and the final exam will not be given at any other time. To receive credit, you will have to show all details of your work on each exam, quiz or assignment.

Quizzes: Quizzes will be given about once every two weeks and will account for 10% of your grade. There will be no make-up quizzes, but the lowest quiz score will be dropped. All excused absences for medical or family emergencies must be documented. Travel plans are not a valid excuse for an absence.

Homework: Solving the homework problems is crucial in order to succeed at exams and quizzes. The mandatory homework problems will be specified from the list in the Syllabus. Homework accounts for 10% of your grade. The due dates for the mandatory homework problems will be announced in class. Late homework will not be accepted. You are encouraged to discuss the homework
problems with your classmates and to work together, but the work you submit must be your own.

Attendance: Attendance is required. Students are responsible for all the announcements made in class (about exams, assignments, quizzes, due dates, changes of schedule, etc.). If you miss a class, you are responsible for obtaining notes for that class from a student who attended.

Schedule and Assigned Homework

Date		Class No	Section	Problems
Jan-19	Tu	C1	*1.2*	3, 5, 7
Jan-21	Th	C2	*1.3*	11, 13, 18, 21, 23, 25, 57
Jan-26	Tu	C3	*2.1*	1, 3, 5
Jan-26	Tu	C3	*2.2*	3, 5, 7, 11, 15, 17, 19
Jan-28	Th	C4	*2.3*	1, 2, 7, 11, 13
Feb-2	Tu	C5	*2.4*	3, 5, 7, 15, 21(a)
Feb-4	Th	C6	*2.5*	14, 23, 27
Feb-9	Tu	C7	*3.1*	1, 3, 7, 11, 12, 23, 34(a,b), 51, 55, 79, 81
Feb-11	Th	C8	*3.2*	1, 11, 25, 31, 33, 53, 62, 64
Feb-16	Tu	C9	*3.3*	6, 8, 9, 12, 20
Feb-18	Th	C10	*3.4*	1, 3, 4, 15, 16, 23, 39, 41
Feb-23	Tu	C11	*3.5*	1, 5, 11, 13, 15, 19, 20, 22, 53, 54, 55
Feb-23	Tu	C11	*3.6*	1, 2, 7, 9, 10, 19, 20, 22, 43, 44, 49, 51, 63, 64
Feb-25	Th	C12	Review for Exam 1	
Mar-1	Tu	C13	*EXAM 1*	
Mar-3	Th	C14	*4.1*	1, 3, 14, 17, 19, 23, 25, 46
Mar-8	Tu	C15	*4.2*	1, 3, 5, 8, 15, 17, 56, 59
Mar-10	Th	C16	*4.3*	1, 3, 5, 11, 13, 62, 64
Mar-15	Tu	NO CLASS (Spring Breask)		
Mar-17	Th	NO CLASS (Spring Break)		
Mar-22	Tu	C17	*4.4*	1, 2, 3, 7, 9, 10, 19, 25, 27, 46
Mar-24	Th	C18	*4.5*	1, 2, 9
Mar-29	Tu	C19	*5.1*	1, 2, 7, 23, 33, 34, 38
Mar-29	Tu	C19	*5.2*	3, 5, 13, 25, 31, 68, 70, 72, 78
Mar-31	Th	C20	*5.3*	1, 2, 3, 19, 21, 24
Apr-5	Tu	C21	*6.1*	1, 2, 5, 6
Apr-5	Tu	C21	*6.2*	9, 11, 21, 23, 25, 29, 31
Apr-7	Th	C22	*6.3*	1, 3, 5, 13, 30, 32
Apr-12	Tu	C23	*6.4*	1, 2, 3, 4, 5, 6, 7, 8
Apr-14	Th	C24	Review for Exam 2	
Apr-19	Tu	C25	*EXAM 2*	

Apr-21	Th	C26	*7.2*	1, 3, 5, 7, 9, 11, 12
Apr-26	Tu	C27	*8.1*	1, 2, 5, 9, 11, 12, 17, 32, 33, 41, 45, 49
Apr-28	Th	C28	*8.2*	1, 3, 5, 9, 11, 13
Apr-28	Th	C28	*8.3*	17, 20, 24, 28, 30, 33, 34, 36, 50
May-3	Tu	C29		Review for Final Exam
May-6	Friday		*FINAL EXAM*	(5:15pm – 7:15pm, Carnegie 200)