

MAT 485 – M001, Fall 2016

TuTh 12:30pm - 1:50pm, Carnegie 122

Instructor: *Tadeusz Iwaniec*,

304 F, Carnegie,

phone 443-1495,

e-mail: tiwaniec@syr.edu

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 October 11** and
on **Thursday November 17**
each worth 25% of your grade.

Final Exam is on Wednesday December 14, between 8:00am and 2:30pm, in Carnegie 122

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
Aug-30	Tu	C1	1.2 3, 5, 7
Sep-1	Th	C2	1.3 11, 13, 18, 21, 23, 25, 51
Sep-6	Tu	C3	2.1 1, 3, 5
Sep-6	Tu	C3	2.2 3, 5, 7, 11, 15, 17, 19
Sep-8	Th	C4	2.3 1, 2, 7, 11, 13
Sep-13	Tu	C5	2.4 3, 5, 7, 15, 21(a)
Sep15	Th	C6	2.5 14, 23, 27
Sep-20	Tu	C7	3.1 1, 3, 7, 11, 12, 23, 34(a,b), 51, 55, 79, 81
Sep-22	Th	C8	3.2 1, 11, 25, 31, 33, 53, 62, 64
Sep-27	Tu	C9	3.3 6, 8, 9, 12, 20
Sep-29	Th	C10	3.4 1, 3, 4, 15, 16, 23, 39, 41
Oct-4	Tu	C11	3.5 1, 5, 11, 13, 15, 19, 20, 22, 53, 54, 55
Oct-4	Tu	C11	3.6 1, 2, 7, 9, 10, 19, 20, 22, 43, 44, 49, 51, 63, 64
Oct-6	Th	C12	Review for Exam 1
Oct-11	Tu	C13	EXAM 1
Oct-13	Th	C14	4.1 1, 3, 14, 17, 19, 23, 25, 46
Oct-18	Tu	C15	4.2 1, 3, 5, 8, 15, 17, 56, 59
Oct-20	Th	C16	4.3 1, 3, 5, 11, 13, 62, 64
Oct-25	Tu	C17	4.4 1, 2, 3, 7, 9, 10, 19, 25, 27, 46
Oct-27	Th	C18	4.5 1, 2, 9
Nov-1	Tu	C19	5.1 1, 2, 7, 23, 33, 34, 38
Nov-1	Tu	C19	5.2 3, 5, 13, 25, 31, 68, 70, 72, 78
Nov-3	Th	C20	5.3 1, 2, 3, 19, 21, 24
Nov-8	Tu	C21	6.1 1, 2, 5, 6
Nov-8	Tu	C21	6.2 9, 11, 21, 23, 25, 29, 31
Nov-10	Th	C22	6.3 1, 3, 5, 13, 30, 32
Nov-10	Th	C22	6.4 1, 2, 3, 4, 5, 6, 7, 8
Nov-15	Tu	C23	Review for Exam 2
Nov-17	Th	C24	EXAM 2
Nov-22	Tu	NO CLASS (Thanksgiving Break)	
Nov-24	Th	NO CLASS (Thanksgiving Break)	

Nov-29	Tu	C25	7.1	
Nov-29	Tu	C25	7.2	1, 3, 5, 7, 9, 11, 12
Dec-1	Th	C26	8.1	1, 2, 5, 9, 11, 12, 17, 32, 33, 41, 45, 49
Dec-1	Th	C26	8.2	1, 3, 5, 9, 11, 13
Dec-6	Tu	C27	8.3	17, 20, 24, 28, 30, 33, 34, 36, 50
Dec-8	Th	C28	Review for Final Exam	
Dec-14	Wednesday		<i>FINAL EXAM</i>	(8:00am – 2:30pm, Carnegie 122)

The final (letter) grade will be determined by the rule:

A = (93-100) **A-** = (90 – 92)
B+ = (87 – 89) **B** = (83 – 86) **B-** = (80 – 82)
C+ = (77 – 79) **C** = (73 – 76) **C-** = (70 – 72)
D = (60-69)
F = (0 – 59)
