

Course Outline

Please date each section as it is completed. You need to know these dates, as your exams are based on material covered through a specific date. *Math majors: take note of extra reading & problems.*

_____ Section 5.3: Read entire section

Suggested HW: p. 402 (odds 1-41, 47; math majors: 55)

_____ Section 5.4: Read entire section

Suggested HW: p. 411 (odds: 1-13, 17-39, 43, 45, 47, 51, 53, 55, 57; math majors: 59)

_____ Section 5.5: Read entire section

Suggested HW: p. 420 (odds 1-37, 49-69; math majors: 75)

_____ Section 7.1: Read pp. 475-479 (through example 5)

Suggested HW: p. 480 (odds 1-15, 19-35; math majors: 59)

_____ Section 7.2: Read pp. 482-484

Suggested HW: p. 488 (odds 1-17; math majors: 21)

_____ Section 7.3: Read entire section

Suggested HW: p. 494 (odds 1-15; math majors: 39)

_____ Section 7.4: Read entire section

Suggested HW: p. 504 (odds 1-21, 39)

_____ Section 7.8: Read entire section

Suggested HW: p. 537 (odds 1, 5-17, 29; math majors: 57)

_____ Section 14.1: Read pp. 887-90 (top)

Suggested HW: p. 987 (odds 1-9)

_____ Section 14.3: Read pp. 909-912 (through example 1) Math majors: read entire section

Suggested HW: p. 919 (odds 13-23 odds, 35; math majors: 3abc)

_____ Section 10.1: Read pp. 651-653

Suggested HW: p. 656 (1, 5, 7, 9, 11, 15)

_____ Section 10.2: Read pp. 660-665 (through example 5)

Suggested HW: p. 666 (odds 1-7, 11-17; math majors: 21)

_____ Section 10.3: Read pp. 669-74 (through symmetry); math majors: read p. 677 (ex 11)

Suggested HW: p. 677 (odds 1-9, 15-23, 27, 29, 33, 37, 55: see notes, 61; math majors: 54)

_____ Section 10.4: Read pp. 679-682 (through ex 3) *know the circle, rose, & the cardioid*

Suggested HW: (odds 1-9, 17, 23, 29)

_____Section 10.5: Read entire section
Suggested HW: p. 690 (odds 1 – 43)
math majors: 51 [hint: set up coordinate system so that A is (-200, 0) and B is (200, 0)]

_____Section 12.1: Read entire section
Suggested HW: p. 797 (odds 1-15; math majors: 31)

_____Section 12.2: Read entire section
Suggested HW: p. 805 (odds: 1-25; math majors: 29)

_____Section 12.3: Read entire section
Suggested HW: p. 812 (odds: 1-25, 29, 31, 35, 37, 39, 45; math majors: 51)

_____Section 12.4: Read entire section
Suggested HW: p. 820 (odds 1-15, 23-33; math majors: 35, 37)

_____Section 12.5: Read entire section
Suggested HW: p. 829 (1, 3, 7, 11, 15, 19, 23, 27, 31, 35, 37, 39, 45, 49, 67)

_____Section 13.1: Read entire section
Suggested HW: p. 855 (odds 1-11, 15-19; math majors: 33)

_____Section 13.2: Read entire section
Suggested HW: p. 861 (odds: 1-25, 29, 33-37; math majors: 47 – see ex 2 p. 815)

_____Section 13.3: Read pp. 862 – p. 864 (through ex 2)
Suggested HW: p. 868 (odds 1-5, 9, 11)

_____Section 13.4: Read pp. 870-74 (top, ex 6)
Suggested HW: p. 878 (odds: 1-5, 7:helix, 9-17a, 23, 28; math majors: p. 883 #19)

_____ **Section 11.12:** Read entire section (section DOES belong here: we are not doing “error”)
Suggested HW: p. 783 (13a, 15a, 17a: ignore the interval for x)

_____Section 11.1: Read entire section
Suggested HW: p. 710 (odds 1-11, 15-23, 31, 55; math majors: 61)

_____Section 11.2: Read entire section
Suggested HW: p. 720 (odds: 1, 9, 10, 11, 15-29; math majors: 35)

Section 11.3: Math majors only. Read entire section

Section 11.4: Math majors only. Read entire section

_____Section 11.5: Read pp. 735-top738 (skip estimating sums)
Suggested HW: p. 739 (1ab, 3, 5, 7)

_____Section 11.6: Read p. 740-44
Suggested HW: p. 745 (odds: 1-15)

_____Section 11.8: Read all (but you will *not* check all endpoints in HW)
Suggested HW: p. 753 (odds: 1-15; 30, 33a; math majors: 29)
Check endpoint: #3: $x = 1$ #5: $x = -1$ #11: $x = -.5$ #15: both
See Greg for answer for #30

_____Section 11.9: Read entire section
Suggested HW: p. 759 (3, 5, 9, 15, 17)

_____Section 11.10: Read pp. 760-761 (through example 1); p. 767 (bottom box)
Suggested HW: p. 770 (3, 5, 7, 11) note: #5: look for pattern: $12 = 4*3$; $60 = 5*4*3$; etc.

_____Section 11.11: Read entire section
Suggested HW: p. 775(1, 3, 5, 11a, 13a; math majors: 15)

Exam Schedule (all exams will be given by Prof. Silver)

Exam #1: Friday February 2 based on sections:_____

Exam #2: Friday February 23 based on sections:_____

Exam #3: Friday March 23 based on sections:_____

Exam #4: Friday April 13 based on sections:_____

Final Exam: will be scheduled during the exam week May 7-11 (Cumulative)