

MAT 296, Fall 2009
Class Schedule and Homework Assignments
MWF Sections

Only problems done using WebAssign are listed. Your instructor may assign additional problems.

Aug. 31	Review the definition of the definite integral – Sections 5.2 and 6.1 6.1 Problems: 1, 4, 5, 11, 13, 19, 23, 48
Sept. 2	Review of integration by substitution 5.5 and 6.2. 6.2 Problems: 3, 5, 11, 13, 23, 49
Sept. 4	6.2 Problems: 17, 19, 21, 51, 57
Sept. 7	Labor Day – no classes
Sept. 9	6.3 Problems: 3, 5, 9, 11, 13, 19, 22
Sept. 11	6.4 Problems: 5, 7, 9, 13, 15
Sept. 14	6.4 Problems: 21, 23; 6.5 Problems: 3, 5, 9, 14
Sept. 16	7.1 Problems: 1, 3, 5, 7, 9, 11, 13, 15
Sept. 18	7.1 Problems: 19, 33, 34 7.2 Problems: 1, 5, 6, 7, 13
Sept. 21	Eid Ul-Fitr – no classes
Sept. 23	7.2 Problems: 15, 17, 19, 21, 23, 25, 27, 29
Sept. 25	7.3 Problems: 1, 3, 7, 13, 15
Sept. 28	Yom Kippur – no classes
Sept. 30	7.3 Problems: 17, 19, 21, 22, 23, 25
Oct. 2	The algebra of partial fraction decompositions 7.4 Problems: 1, 2, 3, 5, 6, 9, 11
Oct. 5	Integration of rational functions 7.4 Problems: 15, 17, 21, 23, 25, 29, 32, 35

Oct. 7	Review for Test 1
Oct. 9	7.5 Problems: 1, 2, 5, 7, 17, 18, 19, 31
Oct. 12	7.5 Problems: 41, 45 7.8 Problems: 5, 7, 11, 13, 21
Oct. 14	7.8 Problems: 2, 27, 30, 31, 35, 39
Oct. 16	8.1 Problems: 2, 5, 7, 9, 11, 15
Oct. 19	8.2 Problems: 5, 7, 13, 15
Oct. 21	Polar coordinates and polar curves 10.3 Problems: 5, 7, 9, 11, 12, 15, 16, 17, 18
Oct. 23	10.3 Problems: 23, 25, 33, 35, 37, 49, 50, 56
Oct. 26	Areas of regions in polar coordinates 10.4 Problems: 3, 5, 7, 17, 21, 23, 27, 30
Oct. 28	Limits of sequences 11.1 Problems: 3, 5, 11, 13, 17, 18, 19, 20
Oct. 30	Increasing and decreasing sequences 11.1 Problems: 21, 22, 24, 31, 32, 33
Nov. 2	Review for Test 2
Nov. 4.	Geometric series 11.2 Problems: 3, 4, 6, 9, 11, 13, 17, 19
Nov. 5	Test 2 at 7:30 PM Room TBA
Nov. 6	Harmonic series; begin the Integral Test 11.2 Problems: 21, 23, 25, 27, 47 11.3 Problems: 3, 4, 7, 29,
Nov. 9	11.3 Problems: 12, 15, 17, 21, 27, 29
Nov. 11	11.4 Problems: 3, 5, 9, 10, 11, 13, 14
Nov. 13	11.4 Problems: 17, 19, 23, 25, 27, 29, 30
Nov. 16	11.5 Problems: 2, 3, 5, 7, 11, 15, 23, 32

Nov. 18	Absolute convergence and ratio test 11.6 Problems: 2, 3, 4, 5, 7, 8, 9
Nov. 20	Root test 11.6 Problems: 14, 15, 21, 22, 23, 31, 33
Nov. 23	11.7 Problems: 1, 2, 3, 7, 9, 13, 15
Nov. 25	Thanksgiving break – no classes until Nov. 30
Nov. 30	11.7 Problems: 17, 20, 21, 26, 28, 32, 37
Dec. 2	Power series and the interval of convergence 11.8 Problems: 3, 5, 7, 9, 15
Dec. 4	11.8 Problems: 19, 22, 23, 24, 27, 28
Dec. 7	11.9 Problems: 3, 4, 7, 9, 13, 15
Dec. 9	11.10 Problems: 4, 5, 6, 7, 9, 13, 15
Dec. 11	11.10 Problems: 30, 31, 33, 48, 49
Dec. 14	Review for Final
Dec. 16	FINAL EXAM is given sometime between 8:00 AM and 2:30 PM. Exact time TBA.