

Syllabus - Math 105 - Fall 1999

<u>Sect.</u>	<u>Topic</u>	<u>Problems</u>
September		
F10)	12.1 Introduction	p.713: 1,5,11,13,17,25-3,7,9,15
M13)	12.2 vectors	p.723: 1,3,21,23,27,31,37-5,7,19,25,29,59,60
W15)	12.2 vectors	p.723: 15,43,47-13,44,49,63,67,68,70; extra: 64
F17)	12.3 $a \times b$	p.732: 1,4,7,11,35-3,13,14,17,18,23 -QUIZZ 1 & HW 1
M20)	12.4 lines/planes	p.740: 1,9,21,19,43,48,49-3,9,13,29,31,50,53,59
W22)	12.5 curves	p.753: 1,7-11,29,33,34,35,39,40; extra: 64
F24)	12.6 curvature	p.770: 2,7- 1,3,5,47,49-HW 2
M27)	12.7 surfaces	p.782: 1,3,5,7,11,12,23,39,50-9,19,21,31,37,41,51
W29)	12.8 cyl. coord	p.789: 1,6,7,13,17, 21,25,39-3,5,9,11,15,23,33,47, extra: 55
OCTOBER		
F1)	13.2 sev. var.	p.803: 3,7,8,21,23,25,31,35,41-15,16, 27,29,33,55,57 -QUIZZ 2 & HW 3
M4)	13.3 continuity	p.811: 1, 3,5,7,19,23,27-11,17,18,21,37,43
W6)	13.4 partials	p.820: 3,5,7,9,13,21,22,23-15,27,31,35,42,45,53,65, extra: 68
F8)	13.5 max/min	p.831: 3,5,7,13,17,27,53-15,23,25,42,45,57,60-QUIZZ 3 & HW 4
M11)	Review	
	EXAM 1 - Pick up on W. or Th.	
W13)	13.6 increments	p.841: 3-1,5,13,17,19, <i>Mathematica</i>
F15)	13.7 chain R.	p.851: 3,5,7,11,19,43-9,21,31,41,42-& HW 5
M18)	Reading Period	
W20)	13.8 gradient	p.861: 1,3,7,17,19,21-11,13,15,18,25,33,43,49; extra: 48
F22)	13.9 Lag. mult.	p.870: 1,3,11,23-5,7,9,21,37,43-QUIZZ 4 & HW 6
M25)	13.9 Problems	
W27)	13.10 2nd der. test	p.879: 3,11,13,25,28,31-5,7,9,19,21,23
F29)	14.1 dbl. int.	p.891: 3,5,7,15,17,35-11,13,19,21,27,29, 31-HW 7
NOVEMBER		
M1)	14.2 dbl. int.	p.898: 3, 59,13,31-7,8,11,15,19,25, 27
W3)	14.3 area, vol.	p.903: 1,5,9,11,15,27,31-3,10,13,35,39,41,42
F5)	14.4 polar coord.	p.911: 1,4,7,11,13-3,5,9,15,27,31,35, Extra: 28-QUIZZ 5 & HW 8
M8)	14.5 appl.	p.920: 1,15,19,23
W10)	14.6 triple int.	p.930: 3,9,13,23,43-1,5,7,11,17,21,39,41
F12)	14.7 cyl. coord.	p.938: 9,11,25-1,3,5,7,19,21,23, Extra: 34-HW 9
M15)	14.8 surface area	p.945: 1,3,5,9
W17)	Review	EXAM 2 - Pick up on W. or Th.
F19)	11.2 seq.	p.632: 5,10,13,15-9,11,17,18,19,47,51-HW 10
M22)	11.3 series	p.642: 1,2,5,7,9,11,21-3,8,13,15,19,29,64
W24)	11.4 Taylor	p.657: 5,9,13,17,31-1,3,7,11,15,21,25
THANKSGIVING BREAK		
M29)	11.5 int. test	p.665: 1,17,23,31-3,5,7,9,11,13,15,33, Extra: 38
DECEMBER		
W1)	11.6 comp. test	p.672: 1,11,15,17, 50-3,5,7,9,13,19,23-QUIZZ 6 & HW 11
F3)	11.7 alt. series	p.680: 1,5,7,9,11,13-3,19,21,23,25,31,35
M6)	11.8 power series	p.691: 1,5,9,11,13-3,7,15,19,27,33-HW 12
W8)	Review	
Final		