

Syllabus for SM122S : Calculus II Fall Semester, 2010-2011

Text: *Calculus Early Transcendentals* 6E, by James Stewart

1. SM122S follows the same syllabus as SM122. **The Homework Assignments are done online using WebAssign**. Keep a written record of your solutions in a notebook – I may want to look at it. Make sure you record page numbers and problem numbers in your notebook. **When you visit the site (www.webassign.net), you will be able to see the problems and due dates – which are 4 or 5 days after the corresponding lesson.** (It's generally 5 days, but for Friday lessons it's 4 days, i.e. due the following Tuesday.) Note: Problems which are in boldface will not appear on WebAssign – but you must do them anyway. They won't be collected, but their mastery will be required for quizzes and exams, just like the other problems.

LESSON	SECTION	PROBLEMS
1	11.1	p.684 # 4, 12, 15 , 19, 24, 28
2	11.1	p.685 # 35, 36, 40, 46, 55, 64
3	11.2	p.694 # 4, 8, 9, 12 , 14, 19
4	11.2	p.694 # 22, 25, 28, 36, 47, 48
5	11.5	p.713 # 4, 8, 14, 18 , 24, 28
6	11.6	p.719 # 4, 6 , 9, 10, 18 , 19
7	11.8	p.727 # 6, 8 , 12, 18, 29 , 30
8	11.9	p.733 # 3, 4, 6, 7, 9, 10
9	11.9	p.733 # 16, 18, 20 , 24, 28, 30
10	11.10	p.746 #6, 8, 9, 14, 16, 17
11	11.10	p.746 # 32, 34, 38, 40 , 51, 54
12	11.11	p.755 # 4, 7, 8, 9, 13, 16
13	11.11	p.756 # 18, 19, 20, 21, 24, 33
14	Review	
15	Exam 1 (Lessons 1-13) Mon. Sept. 20	
16	9.1	p.571 # 2, 3, 5, 6, 9, 12
17	9.2	p.578 # 3-6, 22, 23, 24
18	9.3	p.586 # 2, 4, 10, 12, 14, 18
19	9.3	p.586 # 35 , 39 , 40 , 41, 44
20	9.4	p.598 # 3, 4, 5
21	9.5	p.606 # 5, 6, 10, 15, 16
22	9.5	p.607 # 17, 18, 19, 28, 29
23	Electric Circuits	Exercises A 3,4,6,9
24	10.3	p.647 # 4, 6, 10, 18, 32, 34
25	10.3	p.647 # 38, 42, 26, 56
26	10.4	p.653 # 8 , 12, 18, 30, 38
27	Review	
28	Exam 2 (Lessons 16-27) Wed. Oct. 13	
29	12.1	p.769 # 24 , 26 , 28 , 29 , 31 , 36

30	12.2	p.777 #17, 20, 28, 29, 31, 32
31	12.3	p.784 # 4, 8, 12 , 18, 21, 24
32	12.3	p.786 # 27, 28, 35, 38, 52
33	12.4	p.792 # 5, 10, 13 , 14, 28, 30
34	12.5	p.802 # 2, 8 , 10, 13 , 20
35	12.5	p. 802 # 24, 26, 30, 33, 34, 56
36	12.6	p.811 # 21-28
37	Review	
38	Exam 3 (Lessons 29-35) Mon. Nov. 1	
39	5.2	p.376 #2, 4, 6, 10, 34
40	5.3	p.388 #8, 12, 14, 26, 31, 35, 38
41	5.5	p.406 # 6,14,18,19,22,28 29,32
42	5.5	p.407 # 34, 37, 38, 58, 62 ,64
43	7.1	p.457 # 4, 6, 8, 10, 12, 18
44	7.1	p.458 # 20, 24, 29 , 31, 34
45	7.4	p.481 # 2, 4, 8, 10, 15, 16
46	7.4	p.482 # 18, 19, 21, 22, 24, 25
47	7.7	p.505 # 7, 8, 10, 16
48	7.8	p.515 # 6, 14, 16, 19, 22, 24
49	6.1	p.420 #6, 8, 11, 14, 20, 26
50	6.4	p.441 #10, 13, 21, 22, 23, 24
51	Review	
52	8.3	p.547 # 4, 5, 6, 13, 15, 16
53	8.3	p.548 # 24, 26, 27, 31, 34
54	Review	
55	Review	
56	Exam 4 (Lessons 39-53) Fri. Dec. 3	
57	Review	
58	Review	
59	Review	
60	Review	

Course coordinator: Prof. B. Mitchell Baker bmb@usna.edu