

SYLLABUS - FALL 2003

COURSE: M311 Calculus III

INSTRUCTOR: Dr. C. W. Baker OFFICE: LF 222 PHONE: 941-2272 EMAIL: cbaker@ius.edu

TEXT: *Calculus*, 4th ed., by James Stewart

CALCULATOR: The TI-86 calculator is required. Use of more advanced calculators such as the TI-89 or TI-92 is not allowed.

GRADING SCALE:

90-100%	A
80-89%	B
70-79%	C
60-69%	D
Below 60%	F

There will be three examinations (100 points each) and a comprehensive final examination (200 points). Homework will be assigned daily. Each assignment that is taken up will count 3 points. The following is a tentative schedule of sections, assignments, and examinations.

<u>DAY</u>	<u>SECTION</u>	<u>PROBLEMS</u>
Aug. 26	13.5	p. 852: 2-5, 7, 8, 13, 19, 20, 22, 25, 26, 28, 29
28	13.6	p. 859: 1, 3, 4, 5, 7, 8, 9, 11-15, 17, 18, 20, 21, 24, 25, 28, 29, 30, 31, 37, 39, 40
Sept. 02	14.1	p. 876: 1-613,, 15, 16, 17, 18
04	14.2	p. 882: 3, 5, 6, 7, 9, 13, 14, 18, 19, 20, 23, 24, 26, 29, 33, 35, 36, 37
09	14.3	p. 889: 1, 3, 4
11	15.1	p. 917: 6, 7, 9, 11, 13, 14, 15, 17, 19, 20, 21, 23, 25, 26, 29, 35, 36, 37, 39, 40, 41, 43, 57, 58, 59, 60-64
16	EXAM	
18	15.2	p. 928: 5, 7, 9, 10, 13, 15, 18, 19, 23, 27, 28, 30, 31, 33, 34, 35
23	15.3	p. 939: 11-15, 21, 23, 24, 27, 30, 45, 48, 49, 51-61, 65, 66, 68
25	15.4	p. 950: 1-4, 6, 11-13, 16, 17, 23-29, 37, 39, 40

.	30	15.5	p. 958: 1, 3, 4, 6, 7, 9, 10, 12, 19, 20, 21, 25, 26, 29, 30, 31, 43, 44, 45
Oct.	02	15.6	p. 970: 7, 9, 10, 11, 13, 14, 17-22, 25, 29, 37, 39, 40, 42
	07	15.7	p. 981: 5, 6, 7, 9, 10, 11, 19, 37
	09	15.8	p. 990: 3, 4, 7, 8
	14	16.1, 16.2	p. 1008: 11, 12, 14 p. 1014: 3, 4, 5, 7, 11, 18, 23, 24, 26
	16	EXAM	
	21	16.3	p. 1022: 7-11, 13, 17, 19, 21, 25, 33, 35, 37, 39, 41, 42, 44
	23	16.4	p. 1028: 7, 8, 10, 11, 12, 13, 15, 27, 28
	28	16.7	p. 1050: 1, 2, 7, 8, 13, 16, 17, 19, 25, 28
	30	13.7, 16.8	
Nov.	04	16.8	
	06	16.8	p.1057: 7-10, 13, 17-20, 33-36 29, 31, 37
.	11	17.1	p. 1080: 1-3, 7-9, 21-24
	13	EXAM	
	18	17.2	p. 1091: 1, 3, 4, 5, 7, 9, 10, 11, 13, 14, 19, 20, 38, 39
	20	17.3	p.1100: 3, 4, 6, 7, 9, 12, 13, 14, 19, 20
Dec.	02	17.4	p. 1108: 1, 2, 4, 7, 9, 12, 16
	04	REVIEW	
	11	FINAL EXAM (Comprehensive, 200 points)	