

Syllabus, MAC 2312.10 – Calculus II Spring, 2006

MAC 2312 Calculus II Credit: 4 hours

Instructor: Dr. J. M. Anthony

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If you send me email, please put MAC 2312 in the subject line or I will not open it and will never see it.

Office Hours: 8:30 A.M. to 9:30 A.M. MTWF
 11:30 A.M. to 12:30 A.M. M

Text: Calculus, Fifth Edition, James Stewart, Brooks Cole, 2003

Course Content: The course will cover most of the material in chapters 7 through 12. The topics covered include logarithmic and exponential functions, inverse trigonometric functions, methods of integration, improper integrals, infinite series of constants, and Taylor Series for functions.

Homework/Testing: Homework assignments for every class lecture are on the syllabus. In addition there are homework assignments that are to be done on-line. Instructions for logging on to a computer and completing the on-line assignments will be provided on a separate handout. The on-line homework will be graded. The on-line score will be scaled and the scaled score will be worth a total of 30 points. There will be 4 fifty-minute tests and a comprehensive final exam. Each test will be worth 50 points and the final exam will be worth 100 points. The lowest test grade will be dropped unless the lowest grade is made on the final exam. If the lowest grade is made on the final, the final will count as 50 points in your total score instead of 100. **There will be no makeup tests!** The final exam must be taken. If any other exam is not taken, it will be the one that is dropped. Dates for the exams are Wednesday, January 25; Wednesday, February 15; Wednesday, March 8; and Friday, April 14. The date and room for the final exam will be announced later in the term.

Grading Scale:	252 – 280	A
	224 – 251	B
	196 – 223	C
	168 – 195	D
	0 – 167	F

<u>Date</u>	<u>Section</u>	<u>Assignment</u>
01/09/06	7.1	Pages 420 – 421 3-7,9,11,12,14,25,26,35,36
01/10/06	7.2	Pages 431 – 433 13,15,23,24,25,29,30,31,32,36,43,46,71,72,73
01/11/06	7.3	Pages 439 – 440 3,4,13,14,31,32,47
01/13/06	7.4	Pages 449 – 450 2,3,4,7,9,10,13,14,15,25,26,39,40,41

Monday, January 16 – University Holiday - Martin Luther King Day

01/17/06	7.5	Pages 483 – 485 1,2,3,22,23,24,25,28
01/18/06	7.5	Pages 483 – 485 31,32,48,49,59,60,61,62,63
01/20/06	7.6	Pages 491 – 493 1,2,3,7,8,30,31,32,34,49
01/23/06	7.7	Pages 501 – 503 5,6,7,9,10,11,12,79,80
01/24/06	Review	

Test 1 - Wednesday, January 25

01/27/06	8.1	Pages 516 – 518 3,4,5,6,7,9,11,12,14,15,19,21,55,56,60
01/30/06	8.2	Pages 524 – 525 1,2,3,4,7,8,9,19,20,21,24,25,59,60
01/31/06	Review	
02/01/06	8.3	Pages 530 – 531 1,2,3,4,5,6,9,11,12
02/03/06	8.3	Pages 530 – 531 15,16,19,20,25,26,27,34,35,38
02/06/06	8.4	Pages 540 – 541 1,2,3,4,13,14,15,16,19,20
02/07/06	8.4	Pages 540 – 541 23,24,25,27,29,30,61,62
02/08/06	Review	
02/10/06	8.7	Pages 563 – 565 1,5,7,8,11,31
02/13/06	8.8	Pages 573 – 576 1,2,5,6,15,16,17,29,30,62
02/14/06	Review	

Test 2 - Wednesday, February 15

02/17/06	9.1	Pages 588 – 589 1,2,7,8,9,12,17,18,35,36
02/20/06	9.2	Pages 595 – 596 1,2,3,4,5,6,7,10
02/21/06	9.2	Pages 595 – 596 15,16,25,28
02/22/06	9.3	Pages 605 – 607 1,2,11,12,13,14
02/24/06	9.3	Pages 605 – 607 21,23,24,25,27,28,29,33
02/27/06	Review	
02/28/06	11.1	Pages 692 – 695 1,2,6,7,11,12,13,19,20,24,44
03/01/06	11.2	Pages 702 – 704 3,4,5,7,8,13,14,15,29,30,33,37,51
03/03/06	11.3	Pages 713 – 715 2,3,5,7,8,15,16,21,22,23,29,30,31
03/06/06	11.4	Pages 719 – 720 1,3,9,10,17,23,24,37,45
03/07/06	Review	

Test 3 - Wednesday, March 8

03/10/06	11.5	Pages 726 – 727 1,2,11,12,19,20,31,37,50,51
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Monday, March 13 – Friday, March 17 - University Holiday - Spring Break

<u>Date</u>	<u>Section</u>	<u>Assignment</u>
03/20/06	12.1	Pages 746 – 748 3-5,9-11,15-20
03/21/06	12.1	Pages 746 – 748 21-28,31,37,38,54-56,65
03/22/06	12.2	Pages 756 – 758 3,4,11-18
03/24/06	12.2	Pages 756 – 758 19-24,29,30,35-37,41,42,52
03/27/06	Review	
03/28/06	12.3	Pages 765 – 766 3-5,9,10,13-20,32
03/29/06	12.4	Pages 770 – 771 3-16
03/31/06	12.4	Pages 770 – 771 17-25,29,30
04/03/06	12.5	Pages 775 – 776 2-12,15,16,27,28
04/04/06	Review	
04/05/06	12.6	Pages 781 – 782 2-12
04/07/06	12.6	Pages 781 – 782 13-22,25,26
04/10/06	12.8	Pages 789 – 790 3-16
04/11/06	12.8	Pages 789 – 790 17-28,31
04/12/06	Review	
Test 4 - Friday, April 14		
04/17/06	12.9	Pages 795 – 796 3-6,11,13,14,23,24,27,28
04/18/06	12.10	Pages 806 – 807 3-8,11-15,23-25
04/19/06	12.10	Pages 806 – 807 31,33-37,51-56
04/21/06	12.11	Page 811 1-5,15,17,18
04/24/06	Review	

The date, time, and place of the Final Exam will be announced later in the semester.