

FALL 2009
M119: BRIEF SURVEY OF CALCULUS
SECTION 25494 TR 9:15 – 10:45 CV 203

TEXT: Calculus & Its Applications, 11th edition by Goldstein, Lay Schneider, Asmar; Pearson/ Prentice Hall.
0-31-191963-6

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(Notes for class, practice exams and a final review can be found here)

OFFICE HOURS – PS 030E MW 2:15-3:15 and TR 1:15 – 2:15 **and by appointment**
I am also in the Math Lab (PS 015) at MW 1:15 – 2:15

FINAL EXAM DATE: Thursday, December 10, 2009 11:00am

TENTATIVE SCHEDULE

Date	Sections	Date	Sections	Date	Sections
8/25	Algebra Review -I	9/24	2.3 -2.4	10/29	5.3 – 5.4
8/27	Algebra Review -II	9/29	2.5	11/03	Review
9/01	1.1 - 1.2	10/01	2.7	11/05	Test 3 – Ch 4 & 5
9/03	1.3 – 1.6	10/06	3.1	11/10	6.1 & 6.3
9/08	1.7	10/08	3.2	11/12	6.3 – 6.4
9/10	1.8	10/13	Review	11/17	Review
9/15	Review	10/15	Test 2 Ch 2	11/19	Test 4 Ch 6
9/17	Test 1 Ch 1	10/20	4.1 - 4.2 - 4.3	12/01	Review for Final
9/22	2.1 – 2.2	10/22	4.4 - 4.5 -4.6	12/03	Review for Final
		10/27	5.1-5.2	12/10	Final Exam

Homework will be done using Math XL. Each assignment will be due one week after the lecture for that section. Check Math XL for due dates. Once the due date is passed, Homework **CAN NOT** be submitted. Worksheets will also be handed out periodically. Worksheets will be due the NEXT CLASS PERIOD after distribution. **WORKSHEETS WILL NOT BE ACCEPTED IF TURNED IN LATE! (This means even if you are sick, or your car broke down, or you have to attend a funeral, or go to court, or ANYTHING ELSE - YOU CANNOT TURN WORKSHEETS IN LATE - DON'T EVEN ASK!!!)**

Quizzes will be done using Math XL. Check Math XL for due dates. Once the due date is passed, Quizzes **CAN NOT** be submitted. **THE LOWEST TWO QUIZ SCORES WILL BE DROPPED.**
I reserve the right to also have “POP” quizzes whenever I feel that students aren't keeping up with the homework!

All class notes, practice exams, and a final review can be printed from my web page www.ius.edu/rriehm.
LAST DAY TO WITHDRAW WITHOUT PENALTY IS FRIDAY October 30, 2009.

Math Lab Information: Location: **PS 015**; 941-2670; Weekly schedule is posted on the window.
Web address: www.ius.edu/mathlab/
Videos available for checkout from lab. Computer Software available in lab.

Personal tutors can be arranged for a fee through the Student Development Center.
<http://www.ius.edu/SDC>

You may use a calculator for most tests and quizzes. A TI-83 or TI-84 is required.

Make Up Policy - Make ups will be given if there is a legitimate excuse with documentation.

Given in Math Lab PS 015 (you must have a picture ID in order to take a make up).

Classroom Etiquette: Please be respectful and courteous to your classmates and instructor. Please do not arrive late, leave early or leave for a period of time other than for an emergency. No cell phones or pagers are to be on.

Disability Adaptation Statement: If you have specific physical, psychological or learning disabilities and require accommodations, please let me know early in the semester so that learning needs may be appropriately met. You will need to provide documentation of your disability to the Coordinator of Disability Services located in University Center South, Room 006, 941-2243. Additional information about the Office of Services for Students with Disabilities may be obtained at: www.ius.edu/UD/DisabilityServices/

Weather Closings: Any decision to cancel or delay classes is made as early as possible and we immediately begin the process of notifying the local TV stations and WHAS radio. We also post a notice on the campus web site and a message on the campus phone system (812-941-2567 or 812-941-2662).

GRADE CALCULATION:

Here is how your grade will be calculated:

HomeWork/Worksheets	10%
Quizzes	15%
3 Chapter Tests	50%
Final Exam	25%

Here is how your grade will be awarded:

97 - 100% A+	93 - 96% A	90 - 92% A-
87 - 89% B+	83 - 86% B	80 - 82% B-
77 - 79% C+	73 - 76% C	70 - 72% C-
67 - 69% D+	63 - 66% D	60 - 62% D -
Less than 60% F		

If you fail the final exam (less than 60%), the maximum course grade possible is a “C”.

ONCOURSE: My goal is for all test grades to be posted within one day. At that time all homework and quiz averages will be updated.

Course Objectives: By the end of this course, students should be able to:

- Analyze linear, quadratic, polynomial, rational, root, exponential and logarithmic functions using algebra and calculus - Differentiate and integrate polynomial, rational, root, exponential and logarithmic functions -
- Solve applications from business, economics, social and life sciences involving various meanings of the derivative and integral - Use graphing calculator technology to compute, graph, model, and solve problems.

HOMEWORK EXERCISES

1-29 means do all odd between 1 and 29

1-29eoo, means do every other odd between 1 and 29

Section	Exercises	Section	Exercises	Section	Exercises
0.5	1-69 eoo	2.3	1-7, 25-31	4.4	1-43
0.6	1-25, 51-53	2.4	1-21	4.5	1-33
Ch 0 review	1-39, 41-42 all	2.5	11-15, 16, 17, 19, 23, 24	4.6	1-11, 19-41
1.1	1-29	2.6	1, 3, 5, 9	5.1	3, 5, 7, 19, 21
1.2	9-14, 19, 23-27	2.7	1-11, 15, 21	5.2	1-25
1.3	1-39, 49-56, 63	3.1	1-39, 45, 47	5.3	1, 5, 7, 11
1.6	1-45, 53, 63	3.2	11-19, 29-47	5.4	3, 7, 11 abcd
1.7	1-39	4.1	1-39	6.1	7-35, 49, 55, 57, 71, 65
2.1	1-11, 17, 35	4.2	13-43	6.3	1-39, 41a
2.2	1-6 all, 7-17	4.3	1-35	6.4	1-23

