

SPRING 2008
M119: BRIEF SURVEY OF CALCULUS
SECTION 17412 TR 9:15 – 10:45 CV 205

TEXT: Applied Calculus for Business, Economics, and the Social and Life Sciences by Hoffman and Bradley; 9th edition

INSTRUCTOR: ROSE RIEHM - 495-6399 H 941-2187 W

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WEB PAGE: www.ius.edu/rriehm (Notes for class, practice exams and a final review can be found here)

OFFICE HOURS - LF304 LF304 MW 1:15 – 2:15 and TR 2:15 –3:15 and by appointment

I am also in the **Math Lab** (LF101) at **TR 1:15 – 2:15**

PREREQUISITE: None required. M117 or placement by exam recommended

FINAL EXAM DATE: Thursday April 24, 2008

TENTATIVE SCHEDULE

Date	Sections	Date	Sections	Date	Sections
1/08	1.1 - 1.2	2/07	3.1	3/13	Review
1/10	1.3 - 1.4	2/12	3.2	3/18	Test Chapter 4
1/15	2.1	2/14	3.4	3/20	5.1
1/17	2.2	2/19	3.5	4/01	5.3
1/22	2.3	2/21	Review	4/03	5.4
1/24	2.4	2/26	Test Chapter 3	4/08	Review
1/29	2.5	2/28	4.1	4/10	Test Chapter 5
1/31	Review	3/04	4.2	4/15	Review for Final
2/05	Test Ch 1 & 2	3/06	4.3	4/17	Review for Final
		3/11	4.4	4/24	Final

HOMEWORK WILL BE COLLECTED EVERY TUESDAY. HOMEWORK 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 HOMEWORK IN LATE - DON'T EVEN ASK!!!)

THERE WILL BE A QUIZ EVERY THURSDAY UNLESS THERE IS A TEST THAT WEEK.

THERE ARE NO MAKE UPS ON QUIZZES – THE LOWEST TWO QUIZ SCORES WILL BE DROPPED.

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

Given in Math Lab - LF101 (you **must have a picture ID** in order to take a make up).

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

LAST DAY TO WITHDRAW WITHOUT PENALTY IS FRIDAY March 14, 2008.

Math Lab Information: Location: LF101; 941-2670; Weekly schedule is posted outside the door.

Web address: www.ius.edu/mathlab/

Videos available for checkout from lab. Computer Software available in lab.

Private Tutors:

The Student Development Office **KV 233** offer private tutors for a small fee. If you are interested call **941-2312** early in the semester

Attendance Policy: Attendance is a key factor in academic success. Class attendance is required. Illness is usually the only acceptable excuse for absence from class. A student absent from class bears **full responsibility** for all material covered in class.

Classroom Etiquette and Expectations: 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. Students are expected to **ATTEND CLASS, DO ALL ASSIGNMENTS, and READ THE BOOK.**

Studying for the Class: This is a college class and is much different than one taught in high school. We cover a lot of material and have limited time in class. **You should expect to spend at least two hours studying outside of class for each hour spent in class.** You cannot expect to master the material from just seeing it explained and working in class.

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/

Policy for weather related closing for IUS - Any decision to cancel or delay classes is made as early as possible and we immediately begin the process of notifying all of the local TV stations and several of the radio stations (WHAS, WLKY and WAVE). We have no control over when the media announce the decision. 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/Projects	10%
Quizzes	15%
4 Chapter Tests	50%
Final Test	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.

GOALS: 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, and use graphing calculator technology to compute, graph, model, and solve problems.

HOMEWORK EXERCISES

1-29 means do all odd between 1 and 29

eoo means every other odd

SECTION	EXERCISES	SECTION	EXERCISES
1.1	1-29, 39-55, 61, 63, 65, 71, 73	3.2	1-15, 43, 45, 47 53-57 (omit 2 nd derivative test)
1.2	1-31, 32, 41, 43	3.4	1-19, 33
1.3	1-25, 29-41, 45-51	3.5	5-9, 15, 16, 19, 23, 37
1.4	1-13, 27, 29, 31, 33, 39, 41, 43, 45, 48	4.1	1-23, 27, 29, 31, 33, 39-49
2.1	1-23(use rules from Sec 2.2), 36, 39	4.2	1-27, 31-39, 43-55, 71, 79, 81
2.2	1-43, 45, 47, 51, 57, 59, 69	4.3	1-9,13,15,19,21,29,31,39,41,42,45,65,69
2.3	1-23, 29,31,33,35,43,45,49,53, 55, 57, 59, 61, 65	4.4	5, 7, 11, 13, 19, 21-29, 35

2.4	1-13, 17-25, 29-33, 37-45, 57-63	5.1	1-29, 31-41, 45, 47, 53, 59
2.5	1, 3, 7-21	5.3	1-17, 37, 39, 47, 51
3.1	1, 3, 9-13, 23, 25, 35-39, 53-59(calc), 69, 71	5.4	1, 5, 7, 9, 11