

MATH 1220-APPLIED CALCULUS  
FALL 2009-MW  
UNIVERSITY HALL ROOM 330  
INSTRUCTOR: DANIEL PETERSON  
OFFICE: ROOM 348, ALLGOOD HALL  
OFFICE HOURS: MW 11:30-12:30, 4:00-5:00 PM  
E-MAIL: [dpeters6@aug.edu](mailto:dpeters6@aug.edu)

**REQUIRED MATERIALS:**

Text: Larson and Edwards, Brief Calculus, an applied approach, 7<sup>th</sup> edition or Augusta State Custom Edition, Houghton Mifflin.

A graphing calculator such as TI 83 or TI 84 is highly recommended. You may not use a calculator with symbolic manipulation capability such as TI 89 or TI 92.

**GRADING:**

Two thirds of your grade will be based on in-class work consisting of 5 chapter tests, the lowest of which will be dropped, quizzes, and at least one take home work sheet of Applied problems. Tests and quizzes will be based on assigned homework. One third of your grade comes from the comprehensive final exam.

There will be no makeup tests or quizzes. If you miss a test for a non college required event, that will be your dropped grade.

Letter grades will be assigned using a standard 10 point scale; 90% or above an A, 80% or above a B, etc.

**HOMEWORK:**

Homework problems for each section are listed on the attached course guide with the dates assigned (tentative). I will not collect this homework but the in-class quizzes will come from the assigned homework problems. It will be your responsibility to keep up. Assistance is available in the Math Lab on the third floor of Allgood Hall.

**ATTENDANCE:**

Attendance will be taken during each class period. You are expected to attend all Classes. If you wish to withdraw before midterm, you must do so yourself. University policy gives me the right to issue a grade of WF after the Midterm to students who have missed more than 5 classes.

**OTHER:**

University policy prohibits the use of cell phones or beepers in the class room and requires that only students registered for a class may attend. Improper use of electronics devices will not be allowed.

**MATH 1220B-APPLIED CALCULUS**  
**ROOM UH330, MW 10:00-10:50**  
**DANIEL PETERSON**  
**FALL 2009**  
**COURSE GUIDE**

<b>DATE</b>	<b>SECTIONS COVERED</b>	<b>PROBLEMS ASSIGNED</b>
8/17/2009	1.1,	pp8-9 5, 7, 13, 21, 23, 29
8/19/2009	1.2,	pp21-23 1, 5, 11, 15, 17, 27, 27, 31, 49, 53, 57, 61, 65, 69
8/24/2009	1.3-1.4	pp33-35 9, 15, 19, 23, 29, 39, 45, 59, 61, 81, 87 pp45-47 5, 19, 21, 27, 29, 39, 45, 59, 61, 81, 87
8/26/2009	1.5,	pp58-60 5, 13, 25, 29, 35, 39, 43, 49, 51, 53, 57
8/31/2009	1.6,	pp69-71 3, 9, 15, 21, 25, 29, 35, 39, 47, 51
9/2/2009	TEST ONE, CHAPTER ONE	
9/7/2009	HOLIDAY, LABOR DAY	
9/9/2009	2.1, 2.2	pp90-92 3, 9, 17, 21, 25, 31, 35, 39, 41, 47, pp102-104 9, 13, 17, 19, 23, 25, 29, 33, 39, 43, 45
9/14/2009	2.3-2.4	pp116-119 1, 7, 13, 15, 19, 23, 27, 31, 37, pp128-129 1, 5, 9, 13, 17, 21, 25, 29, 35, 39, 45, 47, 53
9/16/2009	2.4, 2.5	pp 138-139 1, 5, 9, 17, 23, 27 47, 57, 63, 71
9/21/2009	2.5, 2.6	P145 1,5,13,17,25, 29, 35, 41, 47
9/23/2009	2.7,	p158 1, 5, 13, 17, 23, 25, 41
9/28/2009	REVIEW	
9/30/2009	TEST TWO, CHAPTER TWO	

10/5/2009 3.1, 3.2	pp179-180 1, 7, 9, 15, 19, 25 pp189-190 1, 5, 9, 11, 19, 23 27, 39, 41
10/7/2009 3.3,	pp198-199 1, 5, 7, 9, 13, 17, 17, 25, 27, 31, 39, 45, 51, 63
10/12/2009 3.4, 3.5	pp207-209 1, 5, 9, 13, 19, 23, 31, 35 pp217-219 3,7 11,13,17,21,25
10/14/2009 REVIEW	
10/19/2009 TEST THREE, CHAPTER THREE	
10/21/2009 4.1,	pp262-263 1-41 odd
10/26/2009 4.2,	pp270-272 1-21 odd,31-49 odd
10/28/2009 4.3,	pp279-180 1-41 odd
11/2/2009 4.4,	pp287-288 1-59 odd
11/4/2009 4.5,4.6, review	pp296-297 1-69 every other odd pp305-307 3,5,7,23,25,29,39
11/9/2009 TEST FOUR, CHAPTER FOUR	
11/11/2009 5.1, 5.2	pp326-328 1-81 e.o.o. pp335-336 1-53 odd
11/16/2009 5.3,	pp343-344 1-51 odd
11/18/2009 5.4,	pp 353-355 1-37 odd, 47, 55
11/23/2009 5.5,	pp362-363 1-29 odd
11/25/2009 NO CLASS, UNIVERSITY CLOSED	
11/30/2009 TEST FIVE, CHAPTER FIVE	
12/2/2009 REVIEW	