

# Homework for Internet Calculus MATH1950

## HOMEWORK PROCEDURES

The following guidelines apply to the doing and submitting of those homework problems that are to be graded. These guidelines apply only to those problems that are to be submitted for grading. The assignments themselves and the due dates are given in this document later. Assignments that are not submitted within the allotted time period will receive a grade of zero.

For those of you who are planning on taking several mathematics, scientific, or engineering courses you might want to consider the purchase of the software program. MathType. It is an expanded version of Microsoft words equation editor. It is very easy to use and produces excellent results. You might wish to investigate it at [www.dessci.com/en](http://www.dessci.com/en). The purchase of this program is **not required** for this course.

## Submitting an Assignment

There are several ways to submit an assignment. They are:

- Complete the assignment on paper in the usual manner and Fax it to the department of mathematics at 402-554-2975.
- Complete the assignment in a word processor using MathType. Convert the resulting file to Rich Text Format. Send the file to the digital drop box, on blackboard, for this course.
- Complete the assignment on paper in the usual manner and drop it off under my office door at DSC230. In this case be sure and include the date and time that you turn the assignment in.

On each page, at the very top, include the course name (MATH1950 Internet Calculus) and my name Dr. Maloney. Please label each individual problem in the following manner. If the problem is #15 from chapter 3 section 4 then label the problem as Section 3\_4 #15. This will allow me to easily determine which problem you are submitting. Also please place, at the top of the first page, the date and time at which you submitted the homework. The homework assignments are geared to the 5 regular semester exams and are to be submitted during the week of the exam. See the exam schedule document. The quizzes, on the other hand, are geared to the material you should have covered during the week of the quiz. Also the quizzes are taken on line at the departments Maple TA web site and they are computer graded just like the examinations.

Each problem is worth 11 points. 3 points will be for your presentation (neatness) and organization of the solution. The remaining 8 points will be for the solution and whether or not you have given sufficient detail in your solution. It is important that you clearly

indicate your method of solution. If your answer is wrong I will look at your method of solution to determine the amount of partial credit to give you.

The corrected assignments may be picked up at any time during my office hours which are posted on blackboard. The due dates begin at 12:01AM on the first listed day and end at 11:59PM on the second listed day. The graded homework assignments, and their due dates, are given below:

### **Assignment #1 Due Dates 9/10/07 to 9/14/07**

Section 1\_1 # 11c, 27, Section 1\_2 #25b, 31a, Section 1\_3 # 33e, Section 1\_4 #5, Section 1\_5 # 11, 39, Section 1\_6 # 9b, 23.

### **Assignment #2 Due dates 10/01/07 to 10/05/07**

Section 1\_8 # 5, 25, Section 2\_2 #5, 25, Section 2\_3 #17, 35 Section 2\_4 #9, 33 Section 2\_5 #17, 29b.

### **Assignment #3 Due dates 10/22/07 to 10/26/07**

Section 2\_6 #25, Section 3\_1 #13, Section 3\_2 #15, Section 3\_3 #37a, Section 3\_4 #7 Section 3\_5 #13, Section 3\_6 #21, Section 3\_7 #25, 31, Section 3\_8 #43.

### **Assignment #4 Due dates 11/12/07 to 11/16/07**

Section 4\_1 #13, Section 4\_2 #25, Section 4\_3 #27, Section 4\_4 #19, Section 5\_1 #15, Section 5\_2 #11, Section 5\_3 #17, Section 5\_4 #11, Section 5\_5 #19, 41.

### **Assignment #5 Due dates 12/03/07 to 12/07/07**

Section 5\_6 #5, Section 5\_7 #11, Section 5\_8 #15, Section 6\_1 #15, Section 6\_2 #33, Section 6\_3 #37, Section 6\_4 #47, Section 6\_5 #13d, Section 6\_6 #27, 45.

## **UNGRADED HOMEWORK**

Below is a list of problems for you to look at. They will not be picked up and corrected, rather they are meant to help prepare you for the exams. The more problems that you do the more firmly the concepts will be reinforced in you and the better you should do on the exams. The problems are divided according to the sections to be covered in the course.

You should feel free to work problems that do not appear on this list.

## Chapter 1

### Section 1\_1

# 1, 3, 9, 11, 13, 19, 21, 23, 27, 30, 33.

### Section 1\_2

# 7, 9, 11, 19, 21, 25, 27, 29, 31.

### Section 1\_3

# 1, 7, 11, 17, 27, 33, 37, 43, 45, 53, 63, 67.

### Section 1\_4

# 3, 5, 11, 15, 17, 21, 23, 25, 27, 29, 35.

### Section 1\_5

# 3, 7, 11, 17, 19, 23, 27, 31, 35, 39, 48, 51, 55, 59.

### Section 1\_6

# 1, 3, 5, 7, 9, 11, 15, 17, 21, 23, 27, 31, 35, 49, 51.

### Section 1\_7

# 17, 21.

### Section 1\_8

# 1, 5, 7, 9, 13, 17, 25, 27, 37, 39, 41, 43, 45.

## Chapter 2

### Section 2\_1

# 1, 3, 5, 7, 11, 13, 15, 17, 22.

### Section 2\_2

#1, 3, 5, 9, 13, 19, 25, 27, 35, 37, 39, 40.

### Section 2\_3

# 3, 5, 7, 11, 17, 19, 21, 25, 31, 35, 41, 43, 47, 51, 53, 55, 57, 63, 67, 71, 75.

### Section 2\_4

# 1, 3, 5, 7, 9, 11, 15, 23, 27, 31, 33, 37, 53, 67, 73.

### Section 2\_5

# 5, 13, 17, 21, 23, 29, 33, 35, 39, 43, 49.

### Section 2\_6

# 1, 7, 13, 15, 19, 25, 29, 33, 37, 41, 49, 53, 59, 63, 69, 73, 74.

## Chapter 3

### Section 3\_1

# 3, 5, 9, 13, 15, 19, 21, 23.

### Section 3\_2

# 7, 9, 15, 17, 23, 27, 29, 35, 37, 39, 43, 45.

### Section 3\_3

# 3, 11, 18, 23, 25, 33, 37, 49, 55, 63, 65.

### Section 3\_4

# 3, 7, 13, 15, 21, 23, 27, 29, 35, 39.

### Section 3\_5

# 5, 13, 21, 25, 27, 31, 41, 46.

### Section 3\_6

# 3, 7, 11, 21, 25, 33, 39, 43, 51, 61, 69, 75.

### Section 3\_7

# 3, 5, 7, 11, 17, 19, 23, 25, 29, 31, 33, 37, 45.

### Section 3\_8

# 3, 7, 11, 28, 35, 39, 43, 47, 49, 55, 59.

## Chapter 4

### Section 4\_1

# 3, 7, 13, 17, 21, 23, 27, 31, 35, 41, 43, 51, 55.

### Section 4\_2

# 7, 15, 19, 25, 27, 31, 33, 37, 39, 45, 49, 51.

### Section 4\_3

# 3, 5, 7, 15, 21, 25, 27, 37, 45, 51, 55, 59, 63, 65.

### Section 4\_4

# 1, 5, 11, 15, 19, 25, 33, 35, 39, 51, 53, 59.

## Chapter 5

### Section 5\_1

# 1, 5, 7, 17, 21, 27, 55, 57, 61, 67.

### Section 5\_2

# 1, 5, 11, 19, 23, 31, 37, 39, 41.

**Section 5\_3**

# 17, 19, 27, 33, 37, 41, 47, 57, 59, 61, 65.

**Section 5\_4**

# 3, 5, 11, 15, 19, 23, 31, 35, 37, 41, 45, 47, 51, 53.

**Section 5\_5**

# 1, 5, 9, 15, 19, 23, 27, 31, 37, 41, 43, 47, 53, 59, 61, 65, 67.

**Section 5\_6**

# 1, 5, 9, 13, 17, 21, 25, 29, 35, 37.

**Section 5\_7**

1, 5, 11, 13, 19, 23, 27, 29, 31, 35, 41.

**Section 5\_8**

# 3, 5, 11, 15, 19, 27, 29, 33, 35, 37.

**Chapter 6****Section 6\_1**

# 1, 5, 9, 13, 15, 21, 25.

**Section 6\_2**

# 5, 9, 13, 17, 25, 33, 39, 41, 47, 49, 57, 61, 65.

**Section 6\_3**

# 3, 5, 19, 25, 29, 37, 47, 55, 57, 59, 61, 63, 65.

**Section 6\_4**

# 1, 5, 13, 15, 19, 25, 29, 33, 47, 55, 61, 67, 73.

**Section 6\_5**

# 3, 7, 13, 15, 21, 23, 27, 35, 39, 41.

**Section 6\_6**

# 9, 15, 19, 27, 31, 45, 51, 55, 59, 63, 67, 71, 73, 75.

**Section 6\_7**

# 5, 9, 15, 17, 27, 31, 37, 40, 43, 45.

**Section 6\_8**

# 3, 5, 15, 33, 37, 41, 47, 51, 57, 63.

**Section 6.9**

# 3, 5, 7, 9, 11, 15, 19, 23, 29, 31, 39.

