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Fall 9-1-2000

### MATH 152.06: Calculus I

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*University of Montana, Missoula*

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# MATH 152

# CALCULUS I Fall 2000

## Section 6

**Prerequisite:** Math 121  
**Time:** 2:10 – 3:00 MTWF                      **Room:** Math 312  
**Instructor:** Dr. Scott Stevens                      **Email:** stevens@selway.umt.edu  
**Office:** Math 302                                      **Tel:** 243-6714  
**Office Hours:** 1:00 – 1:50, 3:00 – 3:50 MTW or by appointment.

**Textbook:** *Calculus: Brief Edition* by Howard Anton (6th Edition). We will be covering the material from the first 7 chapters. A graphing calculator is required. I will use the TI-82 or TI-85, however any version will suffice. There is a copy of the text and a student workbook on reserve in the library under the name Krussel. Also on reserve (under Krussel) is a concise review of precalculus: *Precalculus Mathematics in a Nutshell*. These texts may be taken out for up to two hours at a time.

### • **Course Requirements:**

1. Pass the Gateway Exam.
2. Attend Class.
3. Do all of the suggested homework problems prior to the next class.
4. Hand in assigned homework, labs and projects on time.

### • **Gateway Exam:**

An exam will be given on Friday of the first week of class and **you must pass this test** in order to remain in this class. It consists of background material, such as functions, algebra and trigonometry, that is required as a prerequisite for the course. You will be given a grade of Pass/Fail. If you fail, you will be asked to drop back to a pre-calculus class.

### • **Projects and Labs:**

Throughout the semester, projects and/or labs will be assigned and collected for grading. Depending on availability, we will occasionally meet in the computer lab located in room 306 in the mathematics building. I will notify you at least one class day in advance. Therefore, if you miss the notification and no one is in our regularly scheduled classroom, proceed immediately to room 306.

- **Homework:**

Suggested homework problems will be given every class period. These will not be collected but it is strongly recommended that you do all of them and return to class with any questions regarding the previous days assignments. It is easy to fall behind in this class and the best way to avoid this is to do the suggested homework prior to the next meeting day. **Selected problems will be assigned weekly and these will be collected and graded.**

- **Exams:**

Three, one-hour exams will be given on the dates posted on the schedule. Of these, the best 2 will count towards your final grade.

- **Make-up Policy:**

Make up exams will only be given only if the student provides a verifiable excuse prior to the date of the exam. If this is not done, a score of zero will be recorded. In this case, it may count as the lowest score and be dropped.

- **Grading:**

Grades are calculated as follows:

Three <b>Exams</b> on the dates given by the schedule	200 (best two)
Comprehensive final	200
Homework	100
Projects and lab assignments	100

**Important Dates to remember:**

- **Sept. 25:** Last day to add/drop by Dial Bear after this date a **W** will appear on your transcript for a dropped class.
- **Oct. 16:** Last day to add/drop with add/drop form. A **WP** or **WF** will appear on your transcript for a dropped class. \$10 fee
- **Dec. 8:** Last day to withdraw.

- **Exams Schedule:**

<b>Exam 1</b>	<b>Friday Oct. 6</b>
<b>Exam 2</b>	<b>Friday Nov. 3</b>
<b>Exam 3</b>	<b>Friday Dec. 8</b>
<b>Final Exam</b>	<b>Wednesday Dec. 20. [1:10 – 3:10, Math 312]</b>

**Assignment #1:** (Due Friday September 8)

**1.5** (show work for credit), **1.10, 2.6, 2.10, 2.16**

	<b>MONDAY</b>	<b>TUESDAY</b>	<b>WEDNESDAY</b>	<b>FRIDAY</b>
Week 1	Sept. 4 Holiday ( Labor Day)	Sept. 5 Chapter 1	Sept. 6 Chapter 1	Sept. 8 Gateway Exam
Week 2	Sept 11 Chapter 1	Sept 12 Chapter 1	Sept 13 Chapter 2	Sept. 15 Chapter 2
Week 3	Sept. 18 Chapter 2	Sept 19 Chapter 2	Sept 20 Chapter 2	Sept. 22 Chapter 2
Week 4	Sept. 25 Chapter 3	Sept 26 Chapter 3	Sept 27 Chapter 3	Sept. 29 Chapter 3
Week 5	Oct 2 Chapter 3	Oct 3 Chapter 3	Oct 4 Review	Oct 6 Exam 1
Week 6	Oct. 9 Chapter 4	Oct 10 Chapter 4	Oct 11 Chapter 4	Oct. 13 Chapter 4
Week 7	Oct. 16 Chapter 4	Oct 17 Chapter 4	Oct 18 Chapter 4	Oct. 20 Chapter 4
Week 8	Oct. 23 Chapter 4	Oct 24 Chapter 5	Oct 25 Chapter 5	Oct 27 Chapter 5
Week 9	Oct. 30 Chapter 5	Oct 31 Chapter 5	Nov 1 Review	Nov 3 Exam 2
Week 10	Nov. 6 Chapter 6	Nov 7 Election Day	Nov 8 Chapter 6	Nov. 10 Veterans Day
Week 11	Nov. 13 Chapter 6	Nov 14 Chapter 6	Nov 15 Chapter 6	Nov. 17 Chapter 6
Week 12	Nov. 20 Chapter 6	Nov 21 Chapter 6	Nov 22 Thanksgiving	Nov 24 Thanksgiving
Week 13	Nov. 27 Chapter 7	Nov 28 Chapter 7	Nov 29 Chapter 7	Dec 1 Chapter 7
Week 14	Dec 4 Chapter 7	Dec 5 Chapter 7	Dec 6 Review	Dec 8 Exam 3
Week 15	Dec. 11 Chapter 7	Dec 12 Chapter 7	Dec 13 Chapter 7	Dec. 15 Review
Week 16	<b>Final Exam: Wednesday, Dec. 20</b> <b>Room: Math 312</b> <b>Time: 1:10 – 3:10</b>			