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Fall 9-1-2000

MATH 152.05: Calculus I

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Dr. Evan B. Wantland Dept. of Mathematical Sciences Fall 2000

▪ **Course Information**

This course is MATH 152 Sec. 5 – Calculus I. We will meet MTWF from 1:10 – 2:00 in room MA312.
The prerequisite for this course is MATH 121 – Precalculus (or its equivalent).

▪ **Instructor Information**

My office is MATH B7C. You can reach me at 243-2473 or wantland@selway.umt.edu. My office hours this semester will be MW 3:10 – 4:00 and T 10:30 – 11:30. You may make an appointment for additional office hours at least two days in advance for any reasonable day/time except Thursdays. A math tutor (specifically for calculus) will also be available at times to be determined.

▪ **Materials**

The required text is *Calculus: Brief Edition (6th edition)* by Howard Anton. We will cover chapters 1 through 7. You will need a graphing calculator (preferable a TI). I will use the TI-83+ in the classroom.

▪ **Grading**

3 in class exams @ 100 points each	300 points
Homework	100 points
Projects	100 points
Gateway Exam (prerequisite material)	50 points
Derivative Exam (without calculator)	50 points
<u>Final Exam (cumulative)</u>	<u>200 points</u>
Total	700 points

You may drop the lowest of your 100 point exam scores or HW score (thus 700 instead of 800 points). Final grades will be determined by the standard scale: 90% → A, 80% → B, 70% → C, etc.

▪ **The Gateway Exam**

The Gateway Exam is scheduled for this Friday (Sept. 8, 2000) in class and is required. It is designed to represent elementary material you need to know now for success in this course such as algebra, functions, trigonometry, exponents, logarithms and geometry. Any student receiving a grade lower than 35 on the Gateway Exam is advised to enroll in MATH 121 – Precalculus.

▪ **Homework**

Homework assignments will be made daily and collected periodically with prior notice. A subset of the problems collected will be graded and returned promptly. You are encouraged to work together on assignments, but you must write up solutions individually. **No late homework will be accepted for credit – no exceptions.**

- Exams

Exams will be given approximately every month, so you should expect one near the beginning of October, November and December. At least one week notice will be given prior to each specific exam date. Notes, textbooks, flashcards etc. are not allowed on any exam (including the Final Exam). Make-ups for tests will *not* be given unless there is a university accepted excuse cleared with me *prior* to the exam. Remember, you are allowed to drop the lowest of your exam grades or your homework score.

- Projects

Periodically you will be allowed to earn credit for writing intensive assignments which will enhance your understanding (and perhaps appreciation) of mathematics. These projects may come in many forms for a variety of different point awards. There will be ample opportunity for you to earn these points, but you are encouraged to begin early.

- Derivative Exam

Once we have completed going over derivative rules you will be required to pass a Derivative Exam. You may take the exam as many times as you like, but the amount you earn by passing will decrease with each time you have to take the exam. You will not be allowed to use a calculator on this exam.

- Final Exam

The Final Exam is scheduled for Thursday, December 21, 1:10 – 3:10. This exam will be roughly cumulative, but may be weighted more toward the material covered subsequent to the last in-class exam.

- Important Dates

September 8 th :	Gateway Exam
September 25 th :	Last day to drop by Dial Bear
October 16 th :	Last day to drop/add
November 7 th :	Election Day Holiday (no class)
November 10 th :	Veteran's Day Holiday (no class)
November 22 nd – 24 th :	Thanksgiving Holiday (no class)
December 15 th :	Last Day of Classes (woo hoo!)
December 21 st :	Final Exam: 1:10 – 3:10

- Webpage Updates

I hope to put up a few webpages to contain this syllabus, homework assignments, test dates, etc. When this occurs, I'll distribute the proper address.