Math 119: Section 01

Introduction to Calculus

Summer Term 2008

Class: 8:00-9:50 a.m. M-F

Instructor: Natalie Wilde

Office: 276 TMCB     Email/Phone: natwilde@gmail.com / 422-4106

Office Hours: TBA

TA: Mckay Easton

Email: mckay.easton@gmail.com


Objectives: To provide undergraduate students a first exposure to Calculus concepts, theorems, and techniques. In general, theorems will not be proved. However, an understanding of them and its applications to solve calculus problems will be taught. Students will be expected to develop effective problem solving skills based on their understanding of the theory and not just by memorizing a set of routines to solve the problems. I believe that my role as your instructor is to help and assist you in the process of learning mathematics. I will do my best to fulfill this role. I know that we will enjoy this class as we go along by making a consistent effort throughout the semester.

Homework: Homework from each section will be collected two class periods after completion of the section. For example, if we complete section 5.1 and 5.2 on a Monday, then the homework from those sections is due on Wednesday.
You are strongly encouraged to work on homework problems every day. You should be willing to put in at least two to three hours outside the classroom for each hour of class. A lower time commitment is likely to lead to an average grade B-/C+ or lower. Solutions to exercises should be *clearly written* and *adequately explained*. In other words, in most cases it is insufficient just to write down the answer.

*Late homework will not be accepted.* To make up for this your lowest two homework grades will be dropped. This policy will take care of any extraordinary circumstances as for example a sickness, a wedding, and others. Discussion of homework assignments is allowed, but you should keep in mind that homework is an individual work.

Homework Format (PLEASE ADHERE TO THE FOLLOWING HOMEWORK FORMAT): Use one side only of standard letter-sized paper. Put your name at the top of each sheet. Keep problems in order, and label each problem with its number and page. Place only one problem in any horizontal space; visually separate consecutive problems by drawing a line between them entirely across the page. If the problem has a numerical answer, highlight it in some way. If the answer to a problem involves a sequence of logical steps, set them clearly. Use correct grammar and complete sentences. To submit homework, stack the sheets in order and fold the stack lengthwise to form a “book” with the back of the last sheet on the outside. On the front of the “book,” write your name, your Math 119 section, and the sections of the text from which these problems are taken. Incomplete homework will receive partial credit according to the amount of problems worked out.

**Exams:** The Midterms and Final Exams are Departmental exams. The Midterm exams will be based on the material covered until that point. The final exam will be comprehensive. The Midterm and Final exams will be given in the testing center according to the following schedule:

- Exam 1: July 3-7
- Exam 2: July 15-16
- Exam 3: July 23-25
- Exam 4: August 5-6
- Final Exam: August 13-14
We expect that most students will finish the midterm exams in about two and half hours. However, there will be no time limit. Only the testing center basic scientific calculators will be allowed in all exams. No books and no other notes will be allowed. The midterms and final exams will be curved among all Math 119 Sections. The curved grades will be transformed into the letter grade scale shown below. Make up exams and quizzes cannot be arranged except in case of an emergency or absence due to official university business. Exam dates will be strictly enforced. According to the University Final Exam Policy:

“Scheduled final examinations are to be administered in accord with the published Final Examination Schedule as to date, time, and place. They are not to be given or taken early.”

The questions will be similar to those discussed in class, or those assigned as homework. Most of them will require a good understanding of the concepts and techniques. The best way to prepare for the exams is to go over the homework problems and the examples worked in class (they constitute your best study guide) and then try to solve related problems that you haven’t seen before. If you can reach the point where you can do fresh problems without help in all sections, I can anticipate that you will be able to successfully solve all problems in the quizzes, midterms and final exam.

Grading: Grades will be based on cumulative points earned as follows:

Homework, Quizzes: 30%; Midterms 40% (four, 10% each); and Final 30%.

We will use the following letter grade scale:

- B+ = 89-87%
- C+ = 79-77%
- D+ = 69-67%
- A = 100-94%
- B = 86-84%
- C = 76-73%
- D = 66-63%
- A- = 93-90%
- B- = 83-80%
- C- = 72-70%
- D- = 62-60%

**Sexual harassment:** BYU’s policy against sexual harassment extends not only to employees of the university but to students as well. If you encounter sexual harassment, gender-based discrimination, or other inappropriate behavior, please talk to your professor, contact the Equal Employment Office at 422-5895 or 367-5689, or contact the Honor Code Office at 422-2847.

**Students with disabilities:** BYU is committed to providing reasonable accommodation to qualified persons with disabilities. If you have any disability that may adversely affect your
success in this course, please contact the University Accessibility Center at 422-2767. Services deemed appropriate will be coordinated with the student and instructor by that office.