Learning Outcomes for Math 175
Upon successful completion of this course, the student will:

- Master the standard integration techniques and develop the ability to judge which techniques are appropriate on given problems.
- Master more advanced topics from integral calculus such as l'Hôpital's Rule and improper integration.
- Be able to set up definite integrals for computing quantities such as areas, arc lengths, and surface area, whether in rectangular or polar coordinates.
- Understand the basic definitions for sequences and series as well as the fundamental notations for power series representation of functions.

Sample assignment: 8.7 #11 \[n = 4\], 15 \[n = 4\], 21 \[n = 4\], p. 589 #25a

Required:
1. **Textbook**: *Calculus* by Briggs/Cochran, 2nd edition
2. **MyMathLab** is an on-line homework application. You will use this to do the homework.

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**Attendance** - Regular attendance is crucial for success. It has been proven that multitasking does not work. Your phones, laptops and other devices should be put away. It is impolite to use them during class and a distraction to other students.

**Homework**

**Online Homework**: Homework will be assigned and graded on My Math Lab (MML), an online homework application. Please see the handout about joining MML. Our course ID for MML is dhamodharan09274.

**Written Homework**: Most Fridays I will assign a set of problems from the text to be collected the following Friday at the start of class. No late work will be accepted. I will grade a random three problems. Each assignment will be worth 10 points: 2 points per graded problem and 4 points for following the homework guidelines. Your lowest score will be dropped. Note that the presentation of your work is worth 40% of your written homework grade. You can and should talk with me during my office hours about how you present mathematics to others.

**Written Homework Guidelines:**
- Write your homework neatly in pencil
- Must use plain sheet to do your homework
- If you use multiple pages, staple them together.
Write your name, course and section, and homework due date on the top right hand corner. Homework missing this information will be discarded.

Leave enough space between problems. Do not skip any steps. Use proper terminology and mathematical notation.

Tests – There will be four unit tests worth 100 points each. These will be given on the following dates: 02/04, 03/04, 04/04, 04/26. The schedule is subject to change; I will notify you of any changes in class or via email. There will be no make-up exams except university excused absences. The final exam is scheduled on May 13, Friday 7:30 A.M. – 9:30 A.M. in our classroom. If you get at least a B on the final exam and your lowest unit test is a C or lower, I will replace the lowest unit test score with the score you earn the final exam. Grades will not be discussed via email.

You will not be allowed texts, notes, calculators or any electronic devices while taking a test. Only pencil and eraser are allowed. Part of learning calculus is learning the vocabulary and notation. If you have questions, they should be asked in class, in office hours, or in the calculus room. There will be no questions taken during tests. Problems will be worded similar to class notes and the text book.

On the day of the exams, please be on time. You will not be allowed in the classroom after 15 minutes. If you are late, you will not be given any extra time. Once you leave the room on an exam day you will not be allowed back in the room; keep this in mind and please use the restroom before arriving in class for an exam.

Academic Integrity: Each student must do his or her own work. If you need help on homework, please come see me or go the Polya center. If a student is caught cheating, at any time, that student will receive an F in the course and be referred to the Dean of Students. If you are from another university, that school will be notified of your conduct.

Grades will be based on 4 exams (15% each), final exam (25%), MML assignments (5%), and written assignments (10%).

Grades will be assigned according to the standard 90 – 80 – 70 – 60% scale.

Special Needs: Disability Support Services Reasonable Accommodations Statement:
Reasonable accommodations are available for students who have documented temporary or permanent disabilities. All accommodations must be approved through Disability Support Services located in the Idaho Commons Building, Room 306 in order to notify your instructor(s) as soon as possible regarding accommodation(s) needed for the course.

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