Changes to the syllabus may be necessary. Any changes made to this document will be announced in class. The student is responsible for any changes regardless of whether he is in attendance when the change is made. If you miss class for any reason during the first week you must contact me or you may be dropped from the class.

TEXTBOOK: *Calculus, 2e* by Briggs, Cochran, and Gillett

Learning Objectives.
Upon successful completion of the 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, concepts, and methods for analyzing sequences, series, and for power series representations of functions.

SUPPORT SERVICES: I encourage you to work together on homework assignments and while studying for exams. Teaching and learning from each other can be an effective and enjoyable means of learning mathematics. However, there is a fine line between using tutors and cooperative learning as a tool to understand mathematics and relying on others for the solutions to problems. Please keep in mind that you must be able to solve problems on your own to succeed on the exams in this course. If you need additional assistance, please see me during my office hours. Additionally, the calculus room in the Polya Center in Brink Hall is staffed with tutors who can provide assistance.

GRADED ASSIGNMENTS:

HOMEWORK: Mathematics cannot be learned from reading about the concepts or watching someone work problems any more than you can learn to play the piano by reading sheet music or listening to someone perform a recital. You MUST PRACTICE. Thus, I will assign a lot of homework for you to practice. You will have a combination of written and online homework. I will collect written weekly and will not accept late homework You are, however, welcome to submit homework to the math office any time before the office closes on the due date; I also accept homework via e-mail until the end of the day on the due date. Online and written homework will each account for 5% of your final grade. I will read through your assignments to ensure that you are doing the work and to identify topics that are giving your trouble, but your grade will be based on completion. If your assignment is complete and mostly correct, you will receive full credit. Thus, there is no excuse for receiving less than full credit on your homework. In order to foster effective communication of mathematical ideas, and to prepare you for the expectations of the exams, your work should be neat and easy to follow. Homework not following these guidelines will not be accepted.
Staple all of your pages together. Use a real staple; do not fold the pages together. There are staplers and printers in the library which you may use. Remove any excess paper from perforated edges. Homework without a name or which is not stapled properly will not be graded.

Write neatly and present your work sensibly. On the written homework your problems should appear in order as they are assigned. Work your computations down (not across) as I do in class.

Do not use software to complete your work; that is cheating.

Use proper terminology and notation. Show all work and explain your reasoning in a neat and organized manner, as demonstrated in class. If you make a mistake erase your incorrect work completely. Do not turn in scratch work.

Justify your answers. You can reasonably do most arithmetic in your head but you should explicitly indicate all integration techniques used on your assessments: I cannot evaluate your ability to do calculus if you do not show me that you can do calculus.

You will lose points for errors. A minor error will result in a minor loss of points, but a major error which compromises the purpose of the problem will result in a major loss of points. (For example, dropping a minus sign is a minor error but splitting a fraction across a sum in the denominator is a major error demonstrating a fundamental misunderstanding of material prerequisite for our course.)

Use the following information to enroll in the online component of this course.

Website: www.mymathlab.com
Course id: meek35815

Class participation and occasional in-class written activities may also count towards this portion of your grade.

**EXAMS:** There will be four exams (excluding the final) during the semester. Each exam is worth 15% of your final grade. These exams will occur during our regular class meetings on the following Thursdays: February 2nd, March 2nd, March 30th, and April 20th. Please note that I will only offer makeup exams in the direst of circumstances, and even then only at my discretion. Thus, you are advised to clear your schedules for the exam dates now. If you have conflict that cannot be avoided, please speak to me immediately. Although I am stingy about offering makeup exams, I am far more likely to accommodate a conflict if you come to me early than if you wait until right before the exam.

You must follow the same guidelines on exam problems as for homework problems to receive full credit. All or most of the points on each exam will be full response questions (as opposed to multiple choice), allowing for partial credit. You will lose points for errors. A minor error will result in a minor loss of points, but a major error which compromises the purpose of the problem will result in a major loss of points. (For example, dropping a minus sign is a minor error but splitting a fraction across a sum in the denominator is a major error demonstrating a fundamental misunderstanding of material prerequisite for our course.). Calculators and cell phones are not allowed on exams. If I see one, it will be considered evidence of cheating.

**FINAL EXAM:** You will take a comprehensive final exam at the end of the term, on Wednesday, May 10th from 7:30-9:30am. Please note this date now and clear out your calendar, as university policy
dictates that you must attend the final exam. This exam will account for 30% of your final grade.

**ATTENDANCE:** I will not take attendance after the first week. However, most of you will find that regular attendance is necessary to succeed on quizzes and exams; thus, attendance will indirectly impact your grade.

**GRADING:** Your grade will be determined by your performance on homework, quizzes, and exams in the following manner:

- written homework: 5%
- online homework: 5%
- exam 1: 15%
- exam 2: 15%
- exam 3: 15%
- exam 4: 15%
- final exam: 30%

90-100: A  80-89: B  70-79: C  60-69: D  0-59: F

**ACADEMIC HONESTY:** All work on exams is expected to be your own, unless I have told you otherwise. Any evidence of cheating will result in a zero for that exam, as well as a report of the incident made to the appropriate office. You may work together on homework and worksheets; in fact it is strongly encouraged.

**CLASS CONDUCT:** It is your responsibility to behave in a manner that is not distracting to the instructor or to other students in the class. If you act in a disruptive manner, you will be asked to leave for the day. You will receive a zero on any problem sets and quizzes for that day. Examples of unacceptable behavior include private conversations during class, leaving your cell phone on, texting, and using headphones. Interrupting the instructor to ask clarifying questions, however, is not only allowed, but encouraged. If you are ever confused about the subject matter, don't hesitate to speak up!

**INSTRUCTOR AVAILABILITY:** If you have any questions about the course or about the subject matter, don't hesitate to stop by my office hours or e-mail me anytime. If you would like to meet with me, but are unable to attend my office hours, please speak to me before or after class, or get in touch by e-mail to schedule a meeting. You are also welcome to stop by my office outside of office hours. I may not be there, or I may be busy, but if I'm around and free, I'll be happy to offer any assistance I can. Just knock, as I often leave the door closed and locked.

**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, phone: 885-6307, e-mail: dss@uidaho.edu, website: www.access.uidaho.edu