Instructor. Mark McDonald
Office. Brink Hall, basement south, B-18
Email. mmcdonald@uidaho.edu
Office Hours. Tuesday and Thursday 9:30-10:20AM, Wednesday 1:30-2:20PM

Homework help is available in Polya Sunday through Friday.

UI Course Website. www.webpages.uidaho.edu/math175
MML Course Website. www.mymathlab.com
MML Course ID. mcdonald85529

Text. Our course text is Calculus by Briggs/Cochran, 2nd edition. In order to complete the homework you will need a basic calculator which can perform exponential and logarithmic operations.

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.

• The student will master more advanced topics from integral calculus such as L'Hôpital’s Rule and improper integrals.

• The student will be able to set up definite integrals for computing quantities such as areas, arc lengths, and surface areas, whether in rectangular or polar coordinates.

• The student will understand the basic definitions for sequences and series, as well as the fundamental notions for power series representation of functions.

Sample exercises: 8.6 #11, 15, 21, p. 589 #25

Attendance. It is important that you attend class every day. You will be allowed four unexcused absences throughout the semester. Each additional unexcused absence after the first four will lower your final grade by one letter. For more information about excused absences, see the section of the syllabus labeled "Excused Absences."

MyMathLab (MML) is an online homework application. You will regularly use it to complete online assignments. Your scores for written homework and exams will also be posted on MML. Please see the (emailed) handout about joining MML. Our course ID for MML is mcdonald85529.

Written Homework. Each week I will assign a set of problems. While working on these problems you should practice writing mathematics for others. That is, you should write your solutions to these problems clearly and neatly as you would for a lab report. You can and should talk with me during my office hours about how you present mathematics to others. Homework which is not neat and which does not follow my guidelines will lose points, possibly resulting in a 0 on the assignment. Please refer to the written homework procedures handout for more information.
**Exams.** Exams will be taken in class; the only tools allowed during exam time are a pencil and eraser. You will not be allowed to use your books, notes, or calculators while taking an exam. No phones or other means of communication are allowed during exams. All exams must be completed in pencil. No make-up exams will be given without an excused absence; please see below for information on excused absences. You will not be allowed to retake an exam after you have taken it once.

There will be four unit exams on the following dates. **02/02. 03/02. 03/30. 04/20.** The cumulative final exam will be on Tuesday, **05/09** from 12:30 - 2:30 PM in our classroom. The University of Idaho Calculus II website contains review materials for each of the exams. The schedule is approximate and subject to change; I will notify you should the material for an exam differ from what is on the website or if the date of a unit exam changes.

On the day of an exam, please arrive on time. After anyone hands in the exam and leaves, no one who is late will be permitted to begin the exam. No one will be allowed to leave before 20 minutes of exam time have passed. Once you leave on an exam day you will not be permitted to return to the exam; keep this in mind and please use the restroom prior to arriving for the exam.

**Grades.** Grades will be based on the homework, the four unit exams, and the final as follows. Your average score on MML is worth 5%. The average of the written homework assignments is worth 10%. The average on the four unit exams is worth 60%. The final exam is worth 25%. If you get at least a B on the final exam and that score is higher than your lowest unit exam score, I will replace the lowest unit exam score with the score you earn on the final exam. Letter grades will be assigned according to the standard 90%-80%-70%-60% scale, with rounding left to my discretion.

**Academic Integrity.** Students are expected to abide by the conditions of the University of Idaho Student Code of Conduct regarding academic honesty. Students caught cheating on exams, copying other students’ work, or any other form of academic dishonesty will be reported to the Dean of Students Office. Possible penalties range from receiving a score of zero on the related coursework, up to assigning a grade of F for the course. I am here to help you learn this material. If something does not make sense or is challenging you should meet with me to work through it.

**Excused Absences.** If you miss class because of an illness you may have the absence excused. To excuse an absence you must get a doctors note which explicitly states that you could not be in class on the day of your absence. You need to bring this note to me within a reasonable amount of time. Outside of extreme circumstances, I will not accept notes you obtain after your absence. If you miss class to participate in University of Idaho athletic events your absence is excusable; you need to have a proper authority confirm your participation in such an event.

If you miss an exam because of illness then you will have the opportunity to take the exam at a different time, provided that you have the absence excused. If you are sick and miss an exam you must email me on the exam day to schedule a make-up. If you fail to contact me about your absence or do not have the absence excused then you will not be given a make-up exam.

**Disability Support Services.** 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 accommodations needed for the course.

- **DSS phone.** (208) 885-6307
- **DSS email.** dss@uidaho.edu
- **DSS website.** [www.uidaho.edu/dss](http://www.uidaho.edu/dss)