

Math 242

Spring 2012, CRN: 34090

Instructor: Daniel Dugger

Office: 317 Fenton Hall

Email: ddugger@uoregon.edu

Office phone: 346-4790

Office hours: WF 9:25–9:50 (150 Columbia), W 11–12 (317 Fenton Hall)

Text: Calculus for Business, Economics, and the Social and Life Sciences, tenth edition, by Laurence Hoffmann and Gerald Bradley.

Calculator: A scientific calculator will be needed on the exams. Your calculator will need to be able to do exponentials and logarithms. The following types of calculators will NOT be allowed on quizzes or exams:

- Any programmable calculator
- Any graphing calculator
- Any calculator that can do derivatives or integrals.

Lecture format: Lectures will be held from 8:30am–9:20am on Wednesdays and Fridays. In addition to this, there will be an online lecture for you to watch between each Friday lecture and the following Tuesday. The online lecture will usually be available Friday afternoon, or at the latest sometime on Saturday. A link to the online lecture will be available on Blackboard, or you can find it at

<http://math.uoregon.edu/~ddugger/ma242.html>

There will be homework questions on the Tuesday assignment that will cover material from the online lecture.

Office Hours: I will hold “office hours” in our lecture hall, immediately after lecture on Wednesdays and Fridays. That’s 9:25am–9:50am. During these times you can ask questions about homework problems, or we can do sample problems that further demonstrate points from lectures, or whatever you want. In addition to the above times, I will be available Wednesday mornings from 11am to 12pm in my office.

Important dates:

Monday, April 9	Last day to drop without a “W”
Wednesday, April 11	Last day to add a class
Sunday, May 20	Last day to drop with a “W” or to change grading options

Discussion sections: There is a discussion section each week, led by a mathematics graduate student. Most discussion sections will be roughly split between homework/review questions and quizzes/worksheets. Your performance in discussion section will amount to 10% of your grade (see below).

The discussion leaders and their contact information are as follows.

Name	email	office	office hours
Safia Chettih	safia@uoregon.edu	3 Deady	T 2-3, Th 6-7, F 2-3
Andrew Reynolds	asr@uoregon.edu	303A Deady	T 10-12, F 10-11
Adam Welly	awelly@uoregon.edu	311 Fenton	MWF 10-11

The discussion sections are listed here:

CRN	Time	Day	Room	GTF
34091	1600–1650	W	105 ESL	Welly
34092	1700–1750	W	101 PETR	Welly
34093	1600–1650	Th	103 PETR	Welly
34094	1700–1750	Th	103 PETR	Welly
34095	1600–1650	W	107 PETR	Reynolds
34096	1700–1750	W	102 DEA	Reynolds
34098	1600–1650	Th	107 PETR	Reynolds
34099	1700–1750	Th	107 PETR	Reynolds
34100	1600–1650	W	16 PAC	Chettih
34101	1700–1750	W	195 ANS	Chettih
34102	1600–1650	Th	205 DEA	Chettih
34103	1700–1750	Th	205 DEA	Chettih

Grades: Grades will be based on the following percentages:

Homework	15%
Quizzes	10%
Midterm #1	15%
Midterm #2	27%
Final Exam	33%

The grading scale for the course will be as follows: If your total percentage is at least 90%, you will get at least an A-. If your total percentage is at least 80%, you will get at least a B-. If your total percentage is at least 70%, you will get at least a C-. If your total percentage is at least 60%, you will get at least a D-.

It is *possible* that the final cutoffs will be extended a little lower than what is listed here (so that potentially an 88% would still get an A-, etc.) However, it is also possible that the final cutoffs will not be extended lower. This will not be decided until all the work has been graded from the entire course.

Plus and minus grades will be awarded in the upper and lower 2% of a grade bracket.

Your grades for quizzes and exams will be posted on Blackboard. Homework grades will be on Webwork.

Homework: Homework assignments will be posted and collected via a computerized grading system called WebWork. Assignments will be due Tuesdays and Fridays at 9pm, including the last week of classes. The Tuesday assignment will assume you have watched the online lecture! Each problem on each assignment is worth one point. At the end of the quarter we will add 20 points to everyone's total score. Assignments will usually be around 10 points, so this means you can miss around two assignments and still get a perfect score on homework. It also means that if you *don't* miss assignments then you effectively get 20 points extra credit.

Quizzes: Quizzes will take place in discussion sections every week except those weeks having midterm exams (weeks 3 and 7). The quizzes will usually be given in the last twenty minutes of the class, with the first part of class being reserved for homework or review questions. We will drop your lowest quiz grade.

Midterms: The midterms will be held from 8:30am–9:50am in 150 Columbia. NOTE THAT THE MIDTERMS LAST UNTIL 9:50!!! The dates for the midterms are as follows:

Midterm #1 (multiple choice only)	Friday, April 20
Midterm #2	Friday, May 18

Midterm #2 will consist of some multiple choice problems, some short answer, and some longer problems where you can earn partial credit.

Final Exam: Friday, June 15, 10:15am–12:15pm, 150 Columbia.

Note: Please do not ask about changing the day/time you take the final exam unless you can point me to the university policy that explains why you have the right to do this.

Review sheets: Students always want review sheets for exams. There will be no review sheets in this course, so please do not ask. During the class period before each exam we will review the topics that the exam will cover. You have your old homeworks to study, and you have your quizzes to study, and the exam problems will be very similar to the problems you saw on homeworks and quizzes. A good study exercise is for you to go through your past work and make your *own* review sheet, by identifying the basic types of problems that you have seen: usually there are only 1–3 types per section of the book.

Make-up policy: We will never allow make-ups for homework. For the most part, we will also not allow make-ups for quizzes or exams. An excused absence might be granted under certain extreme circumstances sanctioned by the university, but usually in this case we will arrange to tally your final grade as if the missed work had never taken place (said differently, we will rescale all of your other work so that it counts for

slightly more). If you have an emergency situation which you think merits an excused absence, please discuss this with your discussion leader or the course instructor.

From past experience I know I need to be clear about the following. Exams will not be rescheduled for any of the following conflicts:

- You have an important family vacation planned;
- You have a relative whose wedding you need to attend;
- You have a graduation to attend.

If you know that you have such a conflict, you should drop the course and take it another term. If you discover during the quarter that you have such a conflict, you should drop the course and take it another term. If sometime during the quarter you come and ask me to reschedule an exam based on one of these reasons, not only will I say no but I will deduct 2 percentage points off of your exam score.

Student conduct: Violations of the student conduct code can—and most probably will—result in a failing grade on any coursework related to the violation. It can also result in a failing grade for the course, and/or the incident being included on your student conduct record. The University of Oregon requires all instances of cheating to be reported, no matter how small. Cheating includes, but is not limited to:

- (i) Looking at another student's exam during a test;
- (ii) Copying the work of another person (student or otherwise) and submitting it as your own;
- (iii) Using any materials except those explicitly approved during a test-taking situation;
- (iv) Putting your name on another person's work, or vice versa.
- (v) Resubmitting graded work that was altered after being returned.

For a list of other descriptions of cheating, see the Student Conduct Code.

Material to be covered:

The following sections and dates are approximate.

Week	Sections to cover
Week 1	5.1, 5.2
Week 2	5.3, 5.4
Week 3	5.5, exam
Week 4	5.5, 6.3
Week 5	6.3, 6.2
Week 6	6.2
Week 7	7.1, exam
Week 8	7.2, 7.3
Week 9	7.5, 7.6
Week 10	Overflow

Guide for homework assignments:

Homeworks will be given and collected via WebWork. This is a computerized, web browser-based system that maintains and grades homework problems. The homework problems will be selected each week by the instructor.

Showing work:

When working on your assignment you should have scratch paper available and neatly write out your thought process in solving the problem. While WebWork does not grade you on this process, writing it out carefully will train you in the skills you need. It will help you track down mistakes, and it will help *us* track down mistakes when you ask for our help. If you ask us a question about a homework problem in office hours, the first thing we will probably do is ask you to show us your work.

Also, remember that on quizzes and exams showing your work will sometimes be required. It is important to practice this each week while doing your homework assignments.

Logging in to Webwork: First go to the main login page at

<http://webwork.uoregon.edu/webwork2>

Select the “Math242-Spring___” section corresponding to your discussion leader (not Dugger!) Your username is your DuckID: for instance, if your uoregon email address is johndoe@uoregon.edu, your DuckID is “johndoe” (without the quotation marks). Your initial password is your student ID number. Once you log in the first time, you can change your password to whatever you want.

Getting help:

If you have a question about a homework problem, one excellent resource is the “Email instructor” button at the bottom of the WebWork screen. Clicking on that and typing a short message about what you’ve tried on the problem will help your discussion leader diagnose the issue you’re having.

What you should NOT do: Do not send your discussion leader an email simply saying “What am I doing wrong on this problem” or “I can’t seem to get the right answer on this one.” On most homework problems it is impossible to figure out what you are doing wrong if we only see your answer (which is all WebWork shows us). If you do this, we are going to give you a short response: “Not enough information.”

What you SHOULD do: If WebWork tells you your answer is wrong, first go back over your work and see if you can find the mistakes yourself. If you can’t, feel free to email your discussion leader: but include a description of how you solved the problem as well as any work you did for intermediate steps. The more information you give, the more likely it is you will get a prompt and helpful reply.

Do not wait until the last minute to ask for help: Discussion leaders are not available to answer questions 24 hours a day. For the most part, email help from instructors will not be available after 5pm on the days homework is due. Please plan accordingly: a good idea is to try to get your homework done before 5pm!

Other resources:

Math tutors are available in the Fenton Reading Room, on the second floor of Fenton Hall (inside the library). Their hours are

10am–6pm M-F, 12pm–5pm Sun.

You can also get help at the TLC lab (9am–4pm M-F), and the Business School’s Braddock Tutoring Lab (11am–4pm M-Th). More information about all of these labs can be found on the following websites:

<http://libweb.uoregon.edu/scilib/mathlib/mathhours.html>

<http://tlc.uoregon.edu/learningservices/labs/labs.html>

http://lcb.uoregon.edu/App_Asp/Best.aspx

For those of you who “need to pass this class”:

It is very common for students to come talk to me after the quarter is over and say something like “I failed the class, but I REALLY NEED TO PASS OR ELSE MY LIFE WILL BE RUINED BECAUSE OF _____.” Or, “I’ve just taken the class for the fourth time and now I’ve failed AGAIN, can’t you just give me a C-?” I am not making these things up. When the time comes, please do not do this.

If you are in a situation where you absolutely need to pass this class, or have failed previous attempts, you need to let us know now so that we can make sure you get the help you need. Please talk to your instructor the first week and we will put you on a “watch list”. It will be your job to attend every discussion section and to make sure your discussion leader knows you are there! We will track your progress throughout the course, and if we see you falling behind we will do our best to remedy that. We are very willing to help you, but we need to know who are. And most importantly, YOU need to be willing to work hard and come to us for assistance.

Comments about large lecture courses:

Here are some guidelines we ask you to follow during the term:

- (1) If you are late to lecture or discussion, make your entry as quiet as possible.
- (2) PLEASE make sure your cell phone is turned off or silent before every class.
- (3) Be ready to begin lecture promptly at 8:30am, and don’t start packing up until I’ve dismissed the class.
- (4) Sit as close to the front of the room as space will allow. The closer you are, the easier it will be for you to follow the lecture and for the instructor and students to interact together.
- (5) Don’t engage in conversation during class. A pair of talking students is very disruptive to everyone nearby. Remember that people are paying to be in this class, so please don’t interfere with them getting the information they are paying for. If you have a question about the lecture just raise your hand or call out to

get my attention, and I will be happy to answer it. If you need to talk about something that does not concern the lecture, please take it outside.

- (6) Please understand that it is very difficult for us to organize hundreds of students during the term, particularly when students want to hand in work late. We will drop your lowest quiz grade and add 20 points to your homework total to account for life's little misfortunes. Please acquaint yourself with our Make-up Policy on page 3.

Suggestions for success:

- (1) Don't get behind. This is the most important suggestion out of everything! As soon as you are behind, it becomes more and more difficult to catch back up—it is like sinking in quicksand. The best approach is to avoid the quicksand in the first place.
- (2) Attend discussion sections. Your discussion leaders are your best friends in this course, and your best resources: make sure they know you, treat them respectfully, and ask them for help when you need it.
- (3) Before each lecture, read ahead a little in the book. Even reading the first few pages of a lesson will help the material in lecture sink in quicker, and allow you to ask meaningful questions.
- (4) Do not wait until the last minute to do the homework. Starting early will give you chance to think carefully about problems and to get help if you need it in office hours, discussion sections, or over email.
- (5) Keep all of your old quizzes and midterms. Also, answers on Webwork are available shortly after the assignment is due, and some problems give worked-out solutions. All of these things are very good to study when preparing for an exam.
- (6) If you think you need extra help, establish a tutoring plan as soon as possible.