

Math 141 – Calculus 1

Fall 2007

Course Procedures

Professor: Josh Laison
Collins 305, x6689, jlaison@willamette.edu

Office Hours:
Monday 3:00-4:00
Tuesday 10:00-11:00 AM, at the Bistro
Wednesday 3:00-4:00
Thursday 2:00-3:00
or anytime by appointment or by catching me in my office.

Class Meetings: Collins 201
Section 2: 9:10-10:10 Monday, Wednesday, Friday
Section 3: 10:20-11:20 Monday, Wednesday, Friday

Drop-In Math Lab Help: Collins 306
6:00-9:00 PM, Sunday, Tuesday, and Thursday
7:00-9:00 PM, Monday and Wednesday

Text: Calculus from Graphical, Numerical, and Symbolic Points of View, Ostebee and Zorn
Course Web Page: <http://www.willamette.edu/~jlaison/calc1.html>

Grading:

Homework Assignments (approx. 35)	25%
Group Projects (3)	20%
Quizzes (3)	25%
Final Exam (1)	25%
Class Attendance and Participation	5%
Total	100%

Ways to Get Unconfused:

- I encourage you to find classmates to work together with on homework problems and to study for exams, even if you're not confused!
- Find me in my office during my office hours or at other times, and I will be more than happy to answer questions. Feel free to hang out in the math lounge or in my office and work on homework there. These are great places to meet other Calculus students and work together, and I will be easily available for questions.
- Come to the evening group study sessions held by the math department in the math lounge. Math majors are paid by the department to hang out and answer calculus questions 5 nights a week. These are also great places to form study groups. Since you need to do your homework sometime, why not do it during the group study sessions?

Homework Assignments:

Homework will be due every Monday, Wednesday, and Friday by 4:30 PM, starting Friday, August 31, and should be turned in to the folder outside my office, Collins 305. The homework will be returned to you in class. You should look at and work on *all* of the homework problems, however, only the underlined ones will be graded and commented on.

I encourage you to talk to me, to the evening mathematics tutors, and to each other about the homework problems. However, I ask that when it comes time to write down your solutions to the homework problems, you do so on your own.

Group Projects:

The group projects will give you a chance to apply your newly acquired calculus skills to slightly larger and more involved problems than those found in the homework. Be sure to *write in complete sentences*, and *explain* all accompanying mathematics and computer computation in a clear, concise, and convincing manner. **Your grade will be based on both presentation and mathematical correctness.** For each of these projects you will be working with one or two partners. Your group will turn in a single project and each member of the group will receive the same grade.

Quizzes and Final:

There will be 3 quizzes, which will be closed book, notes and colleagues. The second of the quizzes will be the **differentiation quiz**, explained below.

The final exam will be longer, but in the same format, held 8:00-11:00 on Tuesday, December 11 for section 2 and 8:00-11:00 on Monday, December 10 for section 3. The final exam was scheduled by the registrar, not by me, and I cannot reschedule it.

The Differentiation Quiz:

This quiz will test your ability to take derivatives of functions, and will be the only quiz for which you will not be permitted to use any technology, including a calculator. This will be the only quiz or exam which exclusively tests the mechanics of calculus. You may retake the differentiation quiz to obtain a better grade, with an automatic 10% deduction each time. You may keep your highest grade.

The Knowledge Survey:

The “knowledge survey” is a list of questions, topics, skills, and pieces of knowledge that I hope you will gain from this course. I will update the survey before each portion of the course, and give you a chance to complete it online.

This survey is designed for four purposes: to help me assess which topics to focus on in class and how to effectively use class time; to help you study and prepare for classes and exams during the course; to help me judge how successful I am in reaching my goals in the course; to help you monitor your progress and your success in the course. It is **not an exam** and will **not influence your grade in the course**. I will ask you to complete the survey before each portion of the course. Feel free to go back and review the topics as often as you like as a study tool.

The knowledge survey is available at

http://www.willamette.edu/~jlaisson/calc1_knowledge_survey.html

Late Assignments and Missed Classes:

I expect everyone to attend all classes and turn in all homework assignments. Unfortunately, it is inevitable that some people will have crises during the semester that will prevent them from attending class or turning in homework on time.

If for some reason you are unable to attend class or turn in an assignment, please let me know as soon as possible, preferably *before* the missed class or assignment. The longer you wait to tell me, the less sympathetic I will become. The worst is to never tell me about it at all.

Disabilities:

If you have a documented disability for which accommodations may be required in this class, please contact me to discuss your needs. Additionally, you will need to register with Disability and Learning Services in the Bishop Wellness Center within the first two weeks of class. All such discussions will be confidential.

Academic Honesty:

Cheating and plagiarism are serious offenses and will be treated severely, in accordance with college policy. In addition, I am personally insulted by such behavior. So please don't do it. These are the practices I expect you to follow in each of the components of the course:

on homework: You may, and are encouraged to, discuss the homework with anyone, get help from Maple, graphing calculators, your textbook, etc. However, your submitted written work should be your own.

on group projects: The members of the group should contribute equally to producing the final product. Do not put your name on a paper written by others.

on quizzes and exams: The resources that you may use on each quiz/exam will be different, and will be specified on the quiz/exam and earlier in class by me. You will never be allowed to receive aid from others.