Introduction: This is a continuation of ECON 1078. The course will teach you calculus tools that you can use in your economics courses. It will cover derivatives, which show how a change in one variable affects another variable. You will also learn how to use derivatives to do optimization. The class then covers integrals. These are useful for calculating areas, probabilities, and growth phenomena such as the world population or your savings account.

Prerequisite: ECON 1078 or instructor's approval.


Homework: Homework will be assigned during each class. It is a vital part of learning calculus and its applications. Homework will be collected at least once a week and the answers to random problems will be graded. No late homework assignments will be accepted. You may work with each other, but your answers must be written individually to be sure that you understand, and get credit for your homework.

Grading: Homework 25%
1st exam 7/16 25%
2nd exam 7/28 25%
3rd exam 8/4, 5, 7 25%

Exams will cover problems that will resemble those done in class and given on homework assignments. If there is enough demand, optional review sessions can be scheduled before each exam.

Office Hours: If my office hour times are not good for you, we can make an appointment. You can also reach me at home if necessary: 473-0461.