

Math 142 – Calculus II
Spring 2011
Course Syllabus

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Course Web Page: www.calpoly.edu/~akaul/teaching/Math142

Textbook

The required textbook is Stewart, *Calculus, 6th ed.*

Office Hours

I encourage you to make use of my office hours. The times that I am guaranteed to be in my office are listed above. If these times are not convenient you may schedule an alternate meeting time.

Course Description

The fundamental concepts of integral calculus were covered in Math 141 (or an equivalent course). In Math 142 we will develop techniques for computing antiderivatives and definite integrals. In addition to the computational content of the course, we will encounter numerous problems that arise in the context of physics and engineering.

Exams/Quizzes

- Midterm exams will be given on the following dates.

MT1: Friday, April 22

MT2: Friday, May 20

- The final exam is cumulative. We will adhere to the Cal Poly final exam schedule.¹ The final exam will take place on Wednesday, June 8, 10:10 am - 1:00 pm (Section 03) or Friday, June 10, 1:10 pm - 4:00 pm (Section 04).
- The midterm and final exams are each worth 100 points. An exam score E will be assigned according to the formula

$$E = MT1 + MT2 + F + F - D,$$

where D is the lowest of your midterm scores ($MT1$ and $MT2$) or final score F (i. e., the final exam score is initially counted twice and the lowest of the 3 exam scores is dropped).

- Quizzes will be given regularly (see accompanying schedule); each quiz is worth 20 points. Your total quiz score Q is computed as

$$Q = \frac{X - L}{2.4}$$

¹This policy is not negotiable.

where X is the sum of your seven quiz scores and L is the lowest of your quiz scores (i. e., the lowest quiz score is dropped).

- **No make-up exams or quizzes will be given.** If you miss a midterm exam or quiz for **any** reason, it will automatically become the “dropped” score.

Homework

Homework will be assigned at the beginning of each class period (excluding quiz, review and exam days) and is due the following class meeting. Late homework will not be accepted. The homework assignments will also be posted on the web. A **tentative** schedule of each day’s lecture is attached. You will receive credit (1 point) if you make a verifiable attempt to solve each problem. Exception: unstapled, multiple-page assignments will receive no credit. A homework score H will be assigned according to the formula

$$H = \frac{2n - 24}{8}$$

where n is the number of homework assignments you receive credit for during the quarter.

Grading

Your numerical score for the course is computed as

$$S = \frac{E + Q}{3.5} + H$$

and a letter will be assigned under the usual 90-80-70-60 \pm scheme. I reserve the right to lower this standard at a later date (i.e., there may be a curve, but the curve will not hurt your grade).

Students with Disabilities

The University provides disability-related support services to qualified students through the Disabilities Resource Center (DRC). For more information, contact the DRC at 6-1395 or visit their website at www.drc.calpoly.edu/index.html. If you require testing accommodations, it is your responsibility to provide the required documentation and initiate needed arrangements **at least one week in advance** of an exam date.