Math 21B, Section 1
Summer, 2012

Course Syllabus

Instructor of Record:
Owen Lewis (ollewis at math dot ucdavis dot edu)
Office: MSB 2129

Textbook:
Thomas' Calculus: Early Transcendentals, Twelfth Edition (Addison Wesley)

Classroom & Hours:
ART 204
MTWR 12:10 - 1:50 pm

Office Hours:
Monday: 2:00 - 3:00 pm
Tuesday: 9:00 - 10:00 am
Wednesday: 4:00 - 5:00 pm

Website:
`http://www.math.ucdavis.edu/~ollewis/classes/21bSU12.html`
All announcements and assignments will be posted on this webpage. SmartSite will be used so that you can see your scores as the course progresses.

Assignments and Grading

Homework:
Homework will be assigned daily and posted on the class website. You are welcome and encouraged to discuss problems with your classmates. However you should write up your assignment on your own. No late homework will be accepted. Your two lowest homework grades will be dropped and will not affect your final grade in the class.

Quizzes:
There will be a small in-class quiz each Thursday (with the exception of exam weeks). No make-up quizzes will be offered. Your lowest quiz score will be dropped and will not affect your final grade in the class.
Quiz Dates: 6/28, 7/5, 7/19, 7/26

Exams:
There will be one midterm exam and one final exam. They will take place in class. No make-up exams will be offered; plan accordingly. I do not create "Practice Exams" for my students. Exams will only be "regraded" if I receive an essay explaining why you believe you deserve more credit than you were originally given.
Midterm Exam: 7/12.   **Final Exam:** 8/2.

Grading:
The grading for the course will be broken down as follows:

- Final: 40%

- Midterm: 30%

- Quizzes: 20%

- Homework: 10%

Your grades on each assignment, quiz and exam will be based not only on the correctness of your solution, but also on the clarity of its presentation. If neither I nor the grader can decipher your solution, then we will not give you credit for it.

Holiday:
There will be no class meeting on Weds. the 4$^{\text{th}}$ of July.

Drop Date:
The final day to drop classes without a PTD is Mon. the 2$^{\text{nd}}$ of July.

Students with Disabilities:
Any student with a documented disability (e.g. physical, learning, psychiatric, vision, hearing, etc.) who needs to arrange reasonable accommodations must contact the Student Disability Center (SDC). Instructors are authorized to provide only the accommodations requested by the SDC. If you have any questions, please contact the SDC at 752-3184 or sdc@ucdavis.edu.

Topics we will cover:
- Antiderivatives

- Area estimation and finite sums

- Sigma notation and limits of series

- Definite integrals

- The Fundamental Theorem of Calculus

- Indefinite integrals

- Applications of integrals

- Methods of integration

- Logarithms and exponentials

- Parametric curves and polar coordinates

If you have any questions, contact Owen Lewis: ollewis at math dot ucdavis dot edu