Math 3B, Winter 2013
Calculus with applications - Second course
Tuesdays & Thursdays, 8:00-9:15am, LSB 1001

Instructor: Baldvin Einarsson.
Office: South Hall, 6523.
E-mail: baldvine@math.ucsb.edu
URL: http://gauchospace.ucsb.edu
Office Hours: Tuesday 10 –11:30am and Thursday 10 –11:30am.

Teaching Assistants and their office hours:
Matt Porter - South Hall 6432 U (pink side), Thursday 3:30–4:30pm
Kathleen Hake - South Hall 6431 D (blue side), Monday 2–3pm
Sin Yi (Cindy) Tsang - South Hall 6431 V (blue side), Wednesday 3:30–4:30pm

| Sections |
|----------|----------|----------|-----------|----------|
| 3B 301   | 29926    | Matt Porter | Friday  | 9:00–9:50am | HSSB 1206 |
| 3B 302   | 29934    | Kathleen Hake | Wednesday  | 4:00–4:50pm | HSSB 1211 |
| 3B 303   | 29942    | Kathleen Hake | Wednesday  | 5:00–5:50pm | HSSB 1206 |
| 3B 304   | 29959    | Kathleen Hake | Wednesday  | 6:00–6:50pm | HSSB 1210 |
| 3B 305   | 29967    | Kathleen Hake | Wednesday  | 7:00–7:50pm | HSSB 1211 |
| 3B 306   | 29975    | Cindy Tsang  | Friday   | 10:00–10:50am | NH 1111   |

Discussion Sessions: Attending the discussion sessions is required, and a quiz will be given at random by the TAs.

Math Lab: Monday–Friday, 12–5pm, South Hall 1607, TAs will be available to assist you.

Textbook(s): Single Variable Calculus, by James Stewart. Note: I’ll mostly follow the 7th edition, but you can easily get by with the 6th edition, or even the 5th. You can also check out the textbook comparison at http://www.math.ucsb.edu/ugrad/textcompare3B.htm and choose your favorite textbook. The most important thing is to read whichever one you choose, come to class, and do your homework!
Course description: This is the second of two undergraduate courses on integration techniques and related topics. We will learn a lot about integration! After this class, you will understand how Maple (and Wolfram $\alpha$, Mathematica, etc.) work. At the end, we will then work on applications, so you will hopefully agree that this material is useful!

Prerequisites: Math 3A (with a grade of C or higher).

Assignments and grading: Homework will be assigned on Fridays, and will be due on the next Friday at 6pm. You will access the WebWork page through GauchoSpace. Familiarize yourself with this process as soon as possible.

Exams: There will be two midterms (dates to be announced soon). Plan on attending every lecture. The final exam will be on Thursday March 21st, 2013, from 8:00-11:00am. Your final grade for the course will be determined by the proposed scheme:

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\text{Grade} = 15\% \text{ Homework} + 5\% \text{ (Quizzes and attendance)} + 15\% \text{ Midterm}1 + 15\% \text{ Midterm}2 + 50\% \text{ Final}
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Please note: There will be no make up homework or quizzes.