

Important Summer Session 2009 Dates

	Session I	7-wk Sess	8-wk Sess	10-wk Sess	Session II
Last day to enroll/add online	June 27 (Sat) (11:59 PM)	June 27 (Sat) (11:59 PM)	June 27 (Sat) (11:59 PM)	July 4 (Sat) (11:59 PM)	Aug 1 (Sat) (11:59 PM)
Last day to drop online	June 28 (Sun) (11:59 PM)	June 28 (Sun) (11:59 PM)	June 28 (Sun) (11:59 PM)	July 5 (Sun) (11:59 PM)	Aug 2 (Sun) (11:59 PM)
Withdrawal period at Summer Office (no refund)	June 29 – July 10 (8:00-4:00)	June 29 – July 17 (8:00-4:00)	June 29 – July 24 (8:00-4:00)	July 6 – July 31 (8:00-4:00)	August 3 – August 14 (8:00-4:00)
Note that during Summer Session there is no auditing of classes, no “Add by Petition” and no “Administrative Drop by Instructor”. Failure to attend class does not constitute a “Drop”. All deadlines are final.					

Econ 11B: Mathematical Methods for Economists-II UCSC Summer 2009

Class Hours: TuTh 9:00am-12:30pm
Location: TBA

Instructor: Mahir Binici
Office: Room 405F, E2
Email: mbinici@ucsc.edu
Office Hrs: Tu. 1.30-3.30pm

Course Overview: Econ 11B is the continuation of ECON/AMS 11A. The course covers integral calculus and multivariable calculus, including indefinite and definite integrals, separate differential equations, partial derivatives, total differentials, optimization in several variables, and Lagrange multiplier. The course deals with applications to economics in greater details including elasticity, Taylor approximation, and the envelope theorem. The foundations and applications introduced in the class aim to prepare students for more advanced courses in mathematics, statistics and economics.

Textbook: *Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences*, 12th edition, by Haussler, Paul, and Wood.

Grading:

Homeworks: 20% (=4*5%)
Midterm: 30%
Final 50% (comprehensive)

Homeworks are due at the beginning of the lecture on the due date. Late homeworks will not be accepted. **There will be no make-up exam.**

Class Website: TBA

Teaching Assistant: Ozden Akca
E-mail: oakca@ucsc.edu

Section: Mon. 9.00-11.00 am , Location: TBA
Office Hours: Mon 11.00 am-1.00 pm , Location: TBA

Important Dates:

Date of Midterm: Thursday, August 13
Homework Due: August 4, 11, 18, 25
Date of Final Exam: Thursday, July 23

Class Schedule (Tentative):

Week 1:	July 28	Section 14.1-14.2	
	July 30	Section 14.3-14.5	
Week 2	August 4	Section 14.6-14.7	HW 1 Due
	August 6	Section 14.9-14.11	
Week 3	August 11	Section 15.3- 15.4	HW 2 Due
	August 13	Section 17.1-17.2	MT Exam
Week 4	August 18	Section 17.3, 17.5	HW 3 Due
	August 20	Section 17.6-17.7	
Week 5	August 25	Section 17.7-17.8	HW 4 Due
	August 27	Final Exam	

Homework Assignments (Tentative):

HW-1 (Due date: August 4, 2008)

Section 14.1: 4, 6, 10, 18, 22, 24, 37
14.2: 4, 10, 22, 36, 38, 48, 51, 55
14.3: 4, 8, 12, 16, 20
14.4: 12, 14, 36, 44, 50, 85, 86
14.5: 4, 12, 28, 64

HW-2 (Due date: August 11, 2008)

Section 14.6: 2, 4, 8, 18, 22
14.7: 20, 26, 28, 45, 49, 50
14.9: 2, 4, 8, 28,
14.10: 10, 22, 24, 27, 32
14.11: 2, 8, 10

HW-3 (Due date: August 18, 2008)

Section 15.3: 2, 6, 12, 16, 32, 46
15.4: 2, 6, 9, 10
17.1: 9, 18, 20, 24, 28
17.2: 6, 10, 12, 18, 26, 28, 30, 34, 38

HW-4 (Due date: August 25, 2008)

Section 17.3: 2, 4, 6, 8, 10, 12, 20
17.5: 2, 6, 10, 11, 14, 16, 21
17.6: 2, 4, 7, 8, 10, 12, 16, 17
17.7: 2, 6, 8, 12, 14, 18, 22, 26, 28, 36

Study questions for section 17.8: 2, 4, 6, 12, 14, 16, 20, 22 (not in HW4)

