

Math 8 Syllabus

Winter 2012

Lecture: MWF 10:00-10:50. NH1105

Text: *A Concise Introduction to Pure Mathematics* by Martin Liebeck, 3rd ed. CRC Press.

Material to be covered: Chapters 1-6, 8-14, 16-20 and selected topics if time permits.

Instructor: Prof. Guofang Wei, South Hall 6503, extension 4282 (discontinued due to budget),
email: wei@math.ucsb.edu
Webpage: www.math.ucsb.edu/~wei

Office hours: MWF 12:00-1:00pm or by appointment

Assistant: Laura Plunkett, South Hall 6432A, office hours: TR 9-10:30am
email: lzirbel@math.ucsb.edu

Discussions: Attendance is mandatory. Time: TR 5pm (HSSB1207), 6pm (HSSB1211)

Quiz: There will be weekly quizzes (except first week) in the discussions.

Homework: Homeworks are assigned each lecture (I will also post it on my web page <http://www.math.ucsb.edu/~wei/teach/8/home.html>) and due Friday of the week at the end of the lecture. The graded home work will be returned to you in the discussion session. In computing the final homework grade, the lowest homework score will be deleted. In consideration of the reader, no late homework will be checked. **Doing your homework regularly and carefully is essential for making Math 8 an enjoyable and profitable experience.** It will be very hard to pass the course without a conscientious effort on the homework.

Exams Schedule: Midterm : Friday, February 17

Final: Monday, March 19, 8 — 11 am

Note: Check your schedule now, for **there will be no makeup exams.**

Grading: Homework 10%; Quizzes 10%; Midterm 30% ; Final 50%.

Important Date: Monday, February 6 — last day to drop class.

Math Lab: South Hall 1607, 12:00-5:00 pm, M-F. In the lab you can get assistance on mathematical problems from this course and beyond.

A Word of Advice: This course is different from other math classes you may have taken in the past. Reading the text (other than examples) is becoming crucial; ideally one should read the text and lecture notes right after each class to reinforce the understanding. In addition, more emphasis is placed on writing and expressing your ideas and thinkings clearly (and mathematically).