

## **Revised Homework Assignments**

Math 100A/Fall 2005

We have made some adjustments to the syllabus that we think will make the work flow more smoothly and synchronize better with TA help times.

The new format should help you to better keep track of the different kinds of work we are asking you to do:

### **Reading**

Each day there is normally a reading assignment to prepare for the next class. Doing the reading includes attempting the embedded exercises. (Note that the *problems* at the end of each section are different from the *exercises* within the section. For example, Exercise 1.1 on page 7 is an embedded exercise, while there are problems for section 1.2 on pages 10 – 15.)

### **Practice Problems**

Based on the reading, there are also practice problems. These *practice problems* are not to hand in; they are to build your understanding. Most practice problems have answers in the *Student's Solutions Manual*.

### **Homework Problems**

*Designated problems* to be handed in will be collected on Fridays (HW #1 on 9/16, HW #2 on 9/23, etc.) and graded by the course assistants. Put the designated HW problems on separate pages from the practice problems and staple each batch of designated homework problems.

### **Paragraphs**

Paragraph assignments will be based on in class explorations, which are carried out in small groups.

### **Quizzes**

Quizzes will take place most Fridays, as listed on the syllabus. For each quiz, the material that you are responsible for will be listed explicitly.

### **Exams**

Most, if not all, exams will have a take home portion and an in-class portion. During the take home portion you may go to help sessions or office hours to obtain assistance for problems like those on the exam, but you are forbidden to ask for explicit help on the problems on the exam. You will work alone on the in-class portion of the exam.

<b>Date</b>	<b>Reading Due</b>	<b>Practice Problems To Do</b>	<b>Related Homework Problems To Do</b>
9/9 Fri		<b>1.2:</b> 2a, b, g, h, 3, 10a, c, 14, 17, 19	
	<b>Box Exploration Problem</b>		
9/12 Mon	<b>p. xii, 1.1, 1.2, 1.3</b>	<b>1.3:</b> 1, 2, 3, 8, 26, 28	<b>1.2:</b> 1, 18, 20 <b>1.3:</b> 6, 13, 25, 29, 33
9/14 Wed	<b>2.1</b>	<b>2.1:</b> 1, 3, 4, 7, 9 <b>1.3:</b> 31	<b>2.1:</b> 2, 8
	<b>Quiz #1: On 1.2 (like problems 10, 17)</b>		
9/16 Fri	<b>Problem Solving Tool Kit: 1.3: 29 as an Example</b>		
	<b>Homework #1 Due: 1.2: 1, 18, 20; 1.3: 6, 13, 25, 29, 33; 2.1: 2, 8</b>		
9/19 Mon	<b>2.2</b>	<b>2.2:</b> 1, 3, 8, 10, 13, 19 <b>1.3:</b> 44	<b>2.2:</b> 9, 14, 16 <b>1.3:</b> 30
9/21 Wed	<b>2.3, 2.4</b>	<b>2.3:</b> 1, 3, 5, 13 <b>2.4:</b> 1, 2 <b>1.3:</b> 47	<b>2.3:</b> 6, 9 <b>2.4:</b> 3, 4
9/23 Fri	<b>In Class Exploration</b>		
	<b>Quiz #2: On 1.3 (like 8, 16 - 22)</b>		
9/26 Mon	<b>3.1</b>	<b>3.1:</b> 3, 9 <b>1.3:</b> 52	<b>3.1:</b> 6, 10 <b>1.3:</b> 56
	<b>Homework #2 Due: 1.3: 30; 2.2: 9, 14, 16; 2.3: 6, 9; 2.4: 3</b> <b>Assignment for Take Home Portion of Quiz #3 Given, Due 9/30</b>		
9/28 Wed	<b>3.2, 3.3</b>	<b>3.2:</b> 1, 2, 4, 6, 7, 12, 14, 19, 34 <b>3.3:</b> 1, 3, 5, 9, 11, 20	<b>3.2:</b> 3, 13, 20 <b>3.3:</b> 2, 12 (HW#4)
9/30 Fri	<b>Problem Solving Session</b>		
	<b>Quiz #3:</b> <b>Part 1 (Take Home Portion) Due: On 2.4, #1, p. 82</b> <b>Part 2 (In Class Portion): On 2.3 (like 8 a through d)</b>		
10/3 Mon	<b>3.4</b>	<b>3.4:</b> 2, 5, 10, 19	<b>3.4:</b> 6, 11, 20, 24a, b
	<b>HW #3 Due: 1.3: 56; 2.4: 4; 3.1: 6, 10; 3.2: 3, 13, 20</b> <b>Take Home Portion of Exam #1 Handed Out</b>		
10/5 Wed	<b>4.1, 4.2</b>	<b>4.1:</b> 1 <b>4.2:</b> 2, 4, 6, 8, 15	<b>4.2:</b> 3, 5, 7, 10, 16
10/7 Fri	<b>Problem Solving Session</b>		
	<b>Quiz #4: On 3.2 (like 1a, b, 2, 19)</b>		
10/10 Mon	<b>FALL BREAK: NO CLASS</b>		
10/12 Wed	<b>In Class Portion of Exam #1</b> <b>Take Home Portion of Exam #1 Due by 5 PM</b>		
10/14 Fri	<b>4.3</b>	<b>4.3:</b> 3, 5 <b>In Class Exploration #2:</b> Based on p.158 and warm up exercises	<b>4.3:</b> 4

10/17 Mon	<b>5.1</b>	<b>5.1:</b> 1, 10, 12, 15	<b>5.1:</b> 11, 14a
	<b>HW #4 Due: 3.3:</b> 2, 12; <b>3.4:</b> 6, 11, 20, 24a, b; <b>4.2:</b> 3, 5, 7, 10, 16 <b>Paragraph #2 Due</b>		