

Math 10-14, 11:30 am --12:20 pm, MTWThF, Room: MLC113, Winter, 2016

## SYLLABUS

**Instructor:** Dr. Kejian Shi  
**Office:** S-16A  
**Office Phone:** (408) 864-8481  
**Office Hour:** 9:30am – 10:30am MTWThF, or by appointment

**Prerequisites:** Math 114 (with a grade of C or better), or equivalent  
**Textbook:** *Statistics-Understanding Uncertainty*, 3rd Edition by Frank P. Soler  
**Materials:** Lab Syllabus by Soler. Calculator with appropriate statistical functions.

**Attendance:** Students are expected to attend all classes on time. Students who are absent more than **3 times** may be dropped from the class. However, **it is the students' responsibility to drop by the appropriate deadline. Petitions to drop after the dead line will not be considered by the instructor.**

**Homework:** Homework (hw) will be assigned **every day in class** and will be collected three times, each on the **review day of each exam** (20 points for each collection). No late hws will be accepted. Hw is the key to success in this class. Plan to devote a minimum of **TWO hours** to hw for each class hour.

**Laboratory:** Computer lab includes two parts: PROB (50 points total) and STATS (50 points total). Weekly assignments will be given and be collected the following week.

**Quizzes:** **Three Quizzes** (33, 33, and 34 points) will be given in class. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

**Midterms:** **Two one-class-hour midterm examinations** (100 points each) will be given in class. No makeup except for extenuating circumstances assuming the student notifies the instructor as soon as the emergency arises.

**Final Exam:** **One two-hour comprehensive examination** will be given from **11:30am – 1:30pm on Monday, March 21, 2016**. Any student missing the final will receive an F grade.

<b>Grading:</b>	<u>Distribution</u>	<u>Scale</u>		
		Grade	Points	Percentage
Homework	60	A+	624-660	95%-100%
		A	591-623	90%-94%
Lab:		A-	578-590	88%-89%
Prob:	50	B+	558-577	85%-87%
Stats	50	B	525-557	80%-84%
		B-	512-524	78%-79%
Quizzes	100	C+	492-511	75%-77%
		C	446-491	68%-74%
Midterms	200	D+	426-445	65%-67%
		D	393-425	60%-64%
Final Exam	200	D-	380-392	58%-59%
	-----	F	0-379	0%-57%
Total	660			

**SLO:** **Student Learning Outcome statements:** Organize, analyze, and utilize appropriate methods to draw conclusions based on sample data by constructing and/or evaluating tables, graphs, and numerical measures of characteristics of data. Identify, evaluate, interpret and describe data distributions through the study of sampling distributions and probability theory. Collect data, interpret, compose and defend conjectures, and communicate the results of random data using statistical analyses such as interval and point estimates, hypothesis tests, and regression analysis.

# Math 10-14 Schedule, Winter 2016

## Dr. Kejian Shi

Winter 2015								Wk
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
Jan	4 <b>INSTRUCTION BEGINS Ch1</b>	5 Ch1	6 Lab	7 Ch2	8 Ch2	9	10	1
Jan	11 Ch2	12 Ch3	13 Lab	14 Ch3	15 Review Quiz #1	16 <b>Last Day to Add</b>	17 <b>Last Day to Drop (with refund or credit)</b>	2
Jan	18 <b>M L K Holiday Last day to Drop w no grade or reco</b>	19 Ch3	20 Lab	21 Ch4	22 Ch4	23	24	3
Jan	25 Ch4	26 Ch5	27 Lab	28 Review	29 Last day to request P/NP grade Exam #1	30	31	4
Feb	1 Ch5	2 Ch5	3 Lab	4 Ch5	5 Ch6	6	7	5
Feb	8 Ch6	9 Ch7	10 Lab	11 Review Quiz #2	12 <b>Lincoln's B-Day Holiday</b>	13-14 <b>President's Weekend</b>		6
Feb	15 <b>Washington's B-day Holiday</b>	16 Ch7	17 Lab	18 Ch8	19 Ch8	20	21	7
Feb	22 Ch8	23 Ch8	24 Lab	25 Review	26 Last Day to drop with a W Exam #2	27	28	8
Feb / March	29 Ch9	1 Ch9	2 Lab	3 Ch9	4 Ch10	5	6	9
March	7 Ch10	8 Ch11	9 Lab	10 Ch11	11 Review Quiz #3	12	13	10
March	14 Ch12	15 Ch12	16 Lab	17 Review	18 Review	19	20	11
March	21 <b>FINAL EXAM 11:30AM-1:30</b>	22	23	24	25	26	27	12
March / April	28 <b>RECESS</b>	29 <b>RECESS</b>	30 <b>RECESS</b>	31 <b>RECESS</b>	1 <b>RECESS</b>	2	3	0
April	4 <b>Spring Quarter Starts</b>	5	6	7	8	9	10	1