

Math 2A-3, 7:30 am --9:45 am, MTWTh, Room: G7, Summer, 2015

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: By appointment

Prerequisites: Math 1D (with a grade of C or better), or equivalent
Textbook: *A first course in DIFFERENTIAL EQUATIONS*, 10th Ed. by Dennis G. Zill

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: on **July 9th, July 23rd, and August 6th** (20 points 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.

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 **7:30am – 9:45** on **Thursday, August 6, 2015**. Any student missing the final will receive an F grade.

	<u>Distribution</u>		<u>Scale</u>		
			Grade	Points	Percentage
Homework	60		A+	530-560	95%-100%
			A	502-529	90%-94%
			A-	490-501	88%-89%
Quizzes	100		B+	474-489	85%-87%
			B	446-473	80%-84%
			B-	434-445	78%-79%
Midterms	200		C+	418-433	75%-77%
			C	378-417	68%-74%
			D+	362-377	65%-67%
Final Exam	200		D	334-361	60%-64%
		-----	D-	322-333	58%-59%
Total	560		F	0-321	0%-57%

SLO: Student Learning Outcome:

1. Construct and evaluate differential equation models to solve application problems.
2. Classify, solve and analyze differential equation problems by applying appropriate techniques and theory.