

Math 2A-3 9:30 am --10:20 am MTWRF Room: E34 Spring, 2017

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: MTWRF: 7:30AM-8:20AM or 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, each on the **examination days** (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**.

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 **9:15am–11:15** on **Tuesday, June 27, 2017**. Any student missing the final will receive an F grade.

Grading:	<u>Distribution</u>		Grade	<u>Scale</u>	
				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-	429-445	77%-79%
Midterms	200		C+	401-428	72%-76%
			C	362-400	65%-71%
			D+	339-361	61%-64%
Final Exam	200		D	321-338	57%-60%
		-----	D-	306-320	55%-59%
	Total	560	F	0-305	0%-54%

Integrity: Any type of cheating is not tolerated. Corresponding school rules will be followed.

SLO: **Student Learning Outcome statements:**
 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.

MATH 2A-3 SCHEDULE, Spring 2017

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	10 1.1	11 1.1	12 1.2	13 1.3	14 1.3	15	16	1
APL	17 2.1	18 2.2	19 2.2	20 2.3	21 Review Quiz #1	22 Last day to add	23 Last day to drop with no record	2
APL	24 Solution 2.4	25 2.4, 2.5	26 2.5	27 2.6	28 3.1	29	30	3
MAY	1 3.1	2 3.2	3 3.2	4 Review	5 Request P/NP Exam #1	6	7	4
MAY	8 Solution	9 4.1	10 4.1	11 4.1	12 4.2	13	14	5
MAY	15 4.3	16 4.4	17 4.4	18 4.6	19 Review Quiz #2	20	21	6
MAY	22 Solution 4.6	23 4.7	24 4.7	25 4.9	26 5.1	27	28	7
MAY / JUN	29 Memorial Day HOLIDAY	30 5.1	31 5.2	1 Review	2 Drop with "W" Exam #2	3	4	8
JUN	5 Solution	6 6.1	7 6.1	8 6.2	9 6.2	10	11	9
JUN	12 6.2	13 7.1	14 7.1, 7.2	15 7.2	16 Review Quiz #3	17	18	10
JUN	19 Solution 7.3	20 7.3	21 7.4	22 7.4	23 Review	24	25	11
JUN / JUL	26	27 Final Exam 9:15AM-11:15	28	29	30	1	2	12
JUL	3 SUMMER BEGINS	4	5	6	7	8	9	1