

Math 12-5, 10:30 am -11:20 am, MTWThF, Room: S46,

Spring, 2015

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: MT WThF: 9:30 – 10:20 AM or by appointment

Prerequisites: Math 11 or 41 (with a grade of C or better)
Textbook: *CALCULUS and its applications*, Tenth Edition, by Bittinger etc.
Materials: A graphing calculator recommended

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 **May 1st, May 29th, and June 22nd** (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 **9:15–11:15am** on **Thursday, June 25, 2015**. Any student missing the final will receive an F grade for the course.

Grading:	<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 statements:** Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals. Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.

MATH 12-5 SCHEDULE, Spring 2015

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	6 R.3	7 1.1	8 1.2	9 1.3	10 1.4	11	12	1
APL	13 1.5	14 1.6	15 1.7	16 Review	17 Quiz #1	18 Last day to add	19 Last day to drop with no record	2
APL	20 Solution 1.8	21 2.1	22 2.2	23 2.3	24 2.4	25	26	3
APL / MAY	27 2.5	28 2.6	29 2.7	30 Review	1 Request P/NP Exam #1	2	3	4
MAY	4 Solution	5 3.3	6 3.4	7 3.5	8 3.6	9	10	5
MAY	11 4.1	12 4.2	13 4.3	14 Review	15 Quiz#2	16	17	6
MAY	18 Solution 4.4	19 4.5	20 4.6	21 4.7	22 5.1	23	24	7
MAY	25 MEMORIAL DAY HOLIDAY	26 5.2	27 5.3	28 Review	29 Drop with "W" Exam #2	30	31	8
JUN	1 Solution	2 5.4	3 5.5	4 5.6	5 5.7	6	7	9
JUN	8 6.1	9 6.2	10 6.3	11 Review	12 Quiz #3	13	14	10
JUN	15 Solution 6.4	16 6.5	17 6.6	18 Review	19 Review	20	21	11
JUN	22 Review	23	24	25 Final Exam 9:15-11:15am	26	27	28	12
JUN / JLY	29 SUMMER BEGINS	30	1	2	3	4	5	1