

Math 1D-21 12:30 pm--1:20 pm MTWThF Room: S54

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 1C (with a grade of C or better), or equivalent
Textbook: *CALCULUS – Early Transcendentals*, 7th E (California Edition), by James Stewart
Materials: 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, 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 **11:30AM–1:30PM** on **Wednesday, June 28, 2017**. Any student missing the final will receive an F grade for the course.

Grading:	Distribution		Scale		
			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-	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%
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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:**
Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision. Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem. Synthesize the key concepts of differential, integral and multivariate calculus.

MATH 1D-21 SCHEDULE, Spring 2017

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	10 14.1	11 14.2	12 14.2	13 14.3	14 14.3	15	16	1
APL	17 14.4	18 14.4	19 14.5	20 14.6	21 Review Quiz #1	22 Last day to add	23 Last day to drop with no record	2
APL	24 Solution 14.6	25 14.7	26 14.7	27 14.8	28 15.1	29	30	3
MAY	1 15.2	2 15.3	3 15.3	4 Review	5 Request P/NP Exam #1	6	7	4
MAY	8 Solution	9 15.4	10 15.5	11 15.5	12 15.6	13	14	5
MAY	15 15.7	16 15.7	17 15.8	18 15.8	19 Review Quiz #2	20	21	6
MAY	22 Solution 15.9	23 15.9	24 16.1	25 16.2	26 16.2	27	28	7
MAY / JUN	29 Memorial Day HOLIDAY	30 16.3	31 16.3	1 Review	2 Drop with "W" Exam #2	3	4	8
JUN	5 Solution	6 16.4	7 16.4	8 16.5	9 16.5	10	11	9
JUN	12 16.6	13 16.6	14 16.7	15 16.7	16 Review Quiz #3	17	18	10
JUN	19 Solution 16.8	20 16.8	21 16.9	22 16.9	23 Review	24	25	11
JUN / JUL	26	27	28 Final Exam 11:30AM-1:30	29	30	1	2	12
JUL	3 SUMMER BEGINS	4	5	6	7	8	9	1