

Math 1B-7, 12:30 pm --1:20 pm, MTWThF, Room: E31, Spring, 2015

SYLLABUS

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

Prerequisites: Math 1A (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: 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 **11:30am–1:30pm** on **Tuesday, June 23, 2015**. Any student missing the final will receive an F grade.

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:

1. Analyze the definite integral from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
2. Formulate and use the Fundamental Theorem of Calculus.
3. Apply the definite integral in solving problems in analytical geometry and the sciences.

MATH 1B-7 SCHEDULE, Spring 2015

Dr. Kejian Shi

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
APL	6 5.1	7 5.1	8 5.2	9 5.2	10 5.3	11	12	1
APL	13 5.3	14 5.4	15 5.5	16 Review	17 Quiz #1	18 Last day to add	19 Last day to drop with no record	2
APL	20 Solution 5.5	21 3.11	22 Handout	23 6.1	24 6.1	25	26	3
APL / MAY	27 6.2	28 6.2	29 6.3	30 Review	1 Request P/NP Exam #1	2	3	4
MAY	4 Solution	5 6.3	6 6.4	7 6.4	8 6.5	9	10	5
MAY	11 7.1	12 7.1	13 7.2	14 Review	15 Quiz#2	16	17	6
MAY	18 Solution 7.3	19 7.3	20 7.4	21 7.4	22 7.4	23	24	7
MAY	25 MEMORIAL DAY HOLIDAY	26 7.5	27 7.6	28 Review	29 Drop with "W" Exam #2	30	31	8
JUN	1 Solution	2 7.7	3 7.7	4 7.8	5 7.8	6	7	9
JUN	8 8.1	9 8.2	10 8.3	11 Review	12 Quiz #3	13	14	10
JUN	15 Solution 8.5	16 9.1	17 9.2	18 9.3	19 9.4	20	21	11
JUN	22 Review	23 Final Exam 11:30am-1:30	24	25	26	27	28	12
JUN / JLY	29 SUMMER BEGINS	30	1	2	3	4	5	1