

Math 1B-11, 12:30 pm -- 1:20 pm, MTWThF, Room: E36, Fall, 2017

## SYLLABUS

**Instructor:** Dr. Kejian Shi  
**Office:** S-16A  
**Office Phone:** (408) 864-8481  
**Office Hour:** 7:40am – 8:10am and 10:30 am --11:00 am MTWThF or by appointment

**Prerequisites:** Math 1A (with a grade of C or better), or equivalent  
**Textbook:** *CALCULUS – Early Transcendentals* with Hyperbolic Functions 8<sup>th</sup> Ed. by Stewart and Larson  
**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, December 13, 2017**. 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	362-417	65%-74%
			D+	334-361	60%-64%
Final Exam	200		D	322-333	58%-59%
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Total	560		F	0-307	0%-54%

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

**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-11 Tentative Schedule Fall, 2017

Room E36 / 12:30pm -- 1:20

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
SEP / OCT	25 INSTRUCTION BEGINS 5.1	26 5.1, 5.2	27 5.2	28 5.3	29 5.3, 5.4	30	1	1
OCT	2 5.4	3 5.5	4 5.5, 3.11	5 Review	6 Quiz #1	7 Last Day to Add	8 Last Day to Drop with no Record	2
OCT	9 Census Day 3.11	10 6.1	11 6.1, 6.2	12 6.2	13 6.3	14	15	3
OCT	16 6.3, 6.4	17 6.4	18 6.5	19 Review Hw/Proj. 1 Due	20 Last Day to Request P/NP Exam #1	21	22	4
OCT	23 Solution	24 6.5, 7.1	25 7.1	26 7.2	27 7.2, 7.3	28	29	5
OCT / NOV	30 7.3	31 7.4	1 7.4, 7.5	2 Review	3 Quiz #2	4	5	6
NOV	6 7.5	7 7.6	8 7.6, 7.7	9 7.7	10 VETERAN'S DAY NO CLASSES	11	12	7
NOV	13 8.1	14 8.1, 8.2	15 8.2	16 Review Hw/Proj. 2 Due	17 Last Day to Drop with a W Exam #2	18	19	8
NOV	20 Solution	21 8.3	22 8.3, 8.5	23 THANKSGIVING NO CLASSES	24 THANKSGIVING NO CLASSES	25	26	9
NOV / DEC	27 8.5	28 9.1	29 9.1, 9.2	30 Review	1 Quiz #3	2	3	10
DEC	4 9.2	5 9.3	6 9.3, 9.4	7 9.4	8 Review Hw/Proj. 3 Due	9	10	11
DEC	11	12	13 Final Exam 11:30AM-1:30	14	15	16	17	12
12 weeks, 53 days of instruction								

**WINTER QUARTER 2018 Begins January 8, 2018**