Math 1B-5, 12:30 pm --2:45 pm, MTWTh, Room: G6, Summer, 2017

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: By appointment

Prerequisites: Math 1A (with a grade of C or better), or equivalent
Textbook: *CALCULUS – Early Transcendentals* with Hyperbolic Functions 8th 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 **2 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 **12:30pm–2:45pm** on **Thursday, August 10, 2017**. Any student missing the final will receive an F grade for the course.

Grading:

Distribution

Homework	60
Quizzes	100
Midterms	200
Final Exam	200
Total	560

Scale

Grade	Points	Percentage
A+	530-560	95%-100%
A	502-529	90%-94%
A-	490-501	88%-89%
B+	474-489	85%-87%
B	446-473	80%-84%
B-	434-445	78%-79%
C+	418-433	75%-77%
C	362-417	65%-74%
D+	334-361	60%-64%
D	322-333	58%-59%
D-	308-321	55%-57%
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-5 Tentative Schedule
Summer, 2017
Dr. Kejian Shi

	MON	TUE	WED	THU	FRI	SAT	SUN
July	**3** **5.1, 5.2**	**4** **Holiday** **No Class**	**5** **5.3, 5.4**	**6** **Review** **Quiz #1**	**7**	**8**	**9**
July	**10** **Solution** **5.5, 3.11**	11 **6.1, 6.2**	12 **6.3** **Review**	**13** **Questions and answers** **TEST #1**	**14**	15	16
July	**17** **Solution** **6.4**	18 **6.5, 7.1**	19 **7.2, 7.3**	**20** **Review** **Quiz #2**	**21**	22	23
July	24 **Solution** **7.4, 7.5**	25 **7.6, 7.7**	26 **7.8** **Review**	**27** **Questions and answers** **TEST #2**	**28**	29	30
July / August	31 **Solution** **8.1**	1 **8.2, 8.3**	2 **8.5, 9.1**	**3** **Review** **Quiz #3**	**4**	5	6
August	7 **Solution** **9.2, 9.3**	8 **9.4**	9 **Review**	**10** **FINAL EXAM** **12:30PM--2:45**	**11**	12	13
*** Last day to request pass/no pass: July 7, 2017.**							