Math 1A-11, 12:30 am --1:20 pm, MTWThF, Room: E31, Winter, 2015

SYLLABUS

Instructor: Dr. Kejian Shi
Office: S-16A
Office Phone: (408) 864-8481
Office Hour: 4:00pm – 5:00 MW, 1:30pm – 3:45 TTh, or by appointment

Prerequisites: Math 43 (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) wil be assigned **every day in class** and will be collected three times, each on **Jan. 30th, Feb 27th**, and **March 23rd**. (20 points each). 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 on **Wednesday, March 25, 2015 from 11:30 a.m.-1:30 p.m.** Any student missing the final will receive an F grade.

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	378-417	68%-74%
D+	362-377	65%-67%
D	334-361	60%-64%
D-	322-333	58%-59%
F	0-321	0%-57%

SLO: **Student Learning Outcome statements:** Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision. Evaluate the behavior of graphs in the context of limits, continuity, and differentiability. Recognize diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.