Math 12-12, 12:30 p.m. --1:20 p.m. MTWThF, Room: E31, Spring, 2019

SYLLABUS

Instructor: Dr. Kejian Shi
e-mail: shikejian@fhda.edu
Office & Phone: S-16A, (408)864-8481
Office Hour: MTWTh: 7:45--8:20AM & 1:25 -- 2:00PM; F: 7:45—8:20AM, or by appointment

Prerequisites: Math 11 or 41 (with a grade of C or better)
Textbook: *CALCULUS and its applications*, Tenth Edition, by Bittinger etc.
Materials: A scientific 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 on **Wednesday, June 26, 2019**. from **11:30am–1:30pm** Any student missing the final will receive an F grade for the course.

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

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%

Tentative Schedule:

	MON	TUE	WED	THUR	FRI	SAT	SUN	Wk
APL	8 **R.1**	9 **R.2, R.3**	10 **R.4**	11 **R.5**	12 **1.1**	13	14	1
APL	15 **1.2**	16 **1.3**	17 **1.4**	18 **1.5**	19 **Review** **Quiz #1**	20 Last day to add	21 Last day to drop with no record	2
APL	22 **Solution** **1.6**	23 **1.7**	24 **1.8**	25 **2.1**	26 **2.2**	27	28	3
APL / MAY	29 **2.3**	30 **2.4**	1 **2.5**	2 **Review**	3 Request P/NP **Exam #1**	4	5	4
MAY	6 **Solution**	7 **2.6**	8 **2.7**	9 **3.1, 3.2**	10 **3.3**	11	12	5
MAY	13 **3.4**	14 **3.5**	15 **3.6**	16 **4.1**	17 **Review** **Quiz #2**	18	19	6
MAY	20 **Solution** **4.2**	21 **4.3**	22 **4.4**	23 **4.5**	24 **4.6**	25	26	7
MAY / JUN	27 Memorial Day **HOLIDAY**	28 **4.7**	29 **5.1**	30 **Review**	31 Drop with "W" **Exam #2**	1	2	8
JUN	3 **Solution**	4 **5.2**	5 **5.3**	6 **5.4**	7 **5.5**	8	9	9
JUN	10 **5.6**	11 **5.7**	12 **6.1**	13 **6.2**	14 **Review** **Quiz #3**	15	16	10
JUN	17 **Solution** **6.3**	18 **6.4**	19 **6.5**	20 **6.6**	21 **Review**	22	23	11
JUN	24	25	26 **Final Exam** **11:30AM-1:30**	27	28	29	30	12
JUL	1 SUMMER BEGINS	2	3	4	5	6	7	1

Student Learning Outcome(s):

*Use correct notation and mathematical precision in the evaluation and interpretation of derivatives and integrals.

*Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies.