

Math 12, 7:30 a.m. --9:45 a.m. MTWTh, Room: S45, Summer, 2019

SYLLABUS

Instructor: Dr. Kejian Shi
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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 **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 on **Thursday, August 8, 2019**, from **7:30am-9:45am** 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:	<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%
	-----	D- 308-321 55%-57%
Total	560	F 0-307 0%-54%

Tentative Schedule:

	MON	TUE	WED	THU	FRI	SAT	SUN
July	1 1.1, 1.2	2 1.3, 1.4, 1.5	3 Review Quiz #1	4 Holiday	5	6	7
July	8 Solution 1.6, 1.7, 1.8	9 2.1, 2.2, 2.3	10 2.4, 2.5 Review	11 Questions and answers TEST #1	12	13	14
July	15 Solution 2.6, 2.7	16 3.1, 3.1, 3.3	17 3.4, 3.5, 3.6	18 Review Quiz #2	19	20	21
July	22 Solution 4.1, 4.2, 4.3	23 4.4, 4.5, 4.6	24 4.7, 5.1 Review	25 Questions and answers TEST #2	26	27	28
July / August	29 Solution 4.7, 5.1	30 5.2, 5.3, 5.4	31 5.5, 5.6, 5.7	1 Review Quiz #3	2	3	4
August	5 Solution 6.1, 6.2, 6.3	6 6.4, 6.5, 6.6	7 Review	8 FINAL EXAM 7:30AM--9:45	9	10	11

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.