

SYLLABUS

Instructor: Dr. Kejian Shi
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Office Hour: 10:30 --11:00 a.m. and 1:30 p.m. – 2:00 MTWThF, or by appointment

Prerequisites: Math 43 (with a grade of C or better), or equivalent
Textbook: *CALCULUS – Early Transcendentals*, the 8th Ed. by James Stewart
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 **Tuesday, December 11, 2018.** from **9:15am–11:15am** 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%
			F	0-307	0%-54%
	Total	560			

Tentative Schedule:

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	Wk
SEP	24 INSTRUCTION BEGINS 1.1, 1.2	25 1.3, 1.4	26 1.5	27 2.1	28 2.2	29	30	1
OCT	1 2.2	2 2.3	3 2.3	4 2.3	5 Review Quiz #1	6 Last Day to Add	7 Last Day to Drop with no Record	2
OCT	8 Census Day 2.4	9 2.4	10 2.5	11 2.5	12 2.6	13	14	3
OCT	15 2.6	16 2.7	17 2.7	18 Review Hw/Proj. 1 Due	19 Last Day to Request P/NP Exam #1	20	21	4
OCT	22 Solution	23 2.8	24 2.8	25 3.1	26 3.1	27	28	5
OCT / NOV	29 3.2	30 3.3	31 3.4	1 3.4	2 Review Quiz #2	3	4	6
NOV	5 3.5	6 3.6	7 3.9	8 3.10	9 3.11	10	11	7
NOV	12 VETERAN'S DAY NO CLASSES	13 4.1	14 4.2	15 Review Hw/Proj. 2 Due	16 Last Day to Drop with a W Exam #2	17	18	8
NOV	19 Solution	20 4.3	21 4.3, 4.4	22 THANKS GIVING NO CLASSES	23 THANKS GIVING NO CLASSES	24	25	9
NOV / DEC	26 4.4	27 4.5	28 4.7	29 4.7	30 Review Quiz #3	1	2	10
DEC	3 4.8	4 4.9	5 10.1	6 10.2	7 Review Hw/Proj. 3 Due	8	9	11
DEC	10	11 Final Exam 9:15AM-11:15	12	13	14	15	16	12
12 weeks, 53 days of instruction								

Student Learning Outcome(s):

- *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.