Math 41-8, **11:30 am --12:20 pm,** **MTWThF,** **Room: MLC108,** **Winter, 2018**

SYLLABUS

Instructor:	Dr. Kejian Shi
Office:	S-16A
Office Phone:	(408) 864-8481
Office Hour:	7:40am – 8:10am and 10:30 am --11:00 am MTWThF or by appointment

Prerequisites:	Math 114 (with a grade of C or better), or equivalent
Textbook:	*Precalculus with Limits*, 3rd Ed., by Larson
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) will be assigned **every day in class** and will be collected three times, each on **the review day of exam**. (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: <u>**Three** Quizzes</u> (33, 33, and 34 points) will be given in class. No makeup quizzes. Quiz problems are similar to homework problems and lecture examples.

Midterms: <u>**Two** one-class-hour midterm examinations</u> (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: <u>**One** two-hour comprehensive examination</u> will be given from **11:30am-1:30pm** on **Monday, March 26, 2018**. Any student missing the final will receive an F grade.

Grading:

<u>Distribution</u>

<u>Scale</u>

Distribution			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-	429-445	77%-79%
Midterms	200		C+	401-428	72%-76%
			C	362-400	65%-71%
			D+	339-361	61%-64%
Final Exam	200		D	321-338	57%-60%
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Total	560		F	0-305	0%-54%

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

Student Learning Outcome(s):

*Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations.

*Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.