MATH 141, Sections 11, 12, 13, and 14
PRECALCULUS (i.e., COLLEGE ALGEBRA+TRIGONOMETRY)
FALL 2017, Classroom COM-207

Instructor: Professor Samuel Shen   Office: GMCS575   Tel: 619-594-6280
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Office Hours: 3:30-5:00pm Mon and Wed; Office Location: GMCS575
Class Meeting Times: 2:00-3:20pm Mon and Wed

Required Online Access to Homework and Text: "Precalculus" by Stewart, Redlin and Watson, 7th edition, ISBN-10: 1305071751 | ISBN-13: 9781305071759; Use WebAssign for Homework

Course Topics: Math 141 is a course designed to provide students with the fundamental concepts and applications of College Algebra and Trigonometry.

Grade Policy: Homework	**10%**	Note: If you take the course CR/NC, keep
Tests (10/3, 10/31, 11/28, 7-9pmTu)	**45%**	in mind that a C or above is passing (C).
Labs	**20%**	Anything lower than a C will result in NC.
Final Exam (12/19, 7-9pm Tu)	**25%**	

Test Dates: 10/3/17; 10/31/17; 11/28/17; 7-9 pm, Tuesday (location TBD)
Final: December 19/Tuesday, 7-9pm (location TBD)
Homework & Quizzes: Homework will be completed online by the software named WebAssign linked to SDSU Blackboard. Due dates will be displayed on the WebAssign website and also reminded in class.
Tutoring: All math students receive free tutoring from the SDSU Math Learning Center located in Love Library, room: 328 (hours: M-Th 10 am – 7 pm; Fri 10 am – 4 pm; Sunday 1pm-5pm)

Approximate Schedule:

DATES	TOPICS COVERED
8/28-3/31	2.6 – 2.8 Transformations of functions, compositions, and function inverses
9/5 – 9/8	3.1 – 3.2 polynomial functions and maximization
9/11 – 9/15	3.3 – 3.5 Dividing polynomials; finding zeroes, counting zeroes (FTA)
9/18-9/22	3.6 – 3.7: Rational functions
9/25-9/29	4.1 – 4.2 Defining behavior of a^x and e^x
10/3Tues 7-9pm	TEST 1: Chapters 1-3
10/2 – 10/6	4.3 - 4.4: Properties of logs/ laws
10/9-10/13	4.5 – 4.7: Modeling with Log Functions
10/16-10/20	6.1 – 6.2 Measuring arcs and angles, Rt Δ trig
10/23-10/27	6.3 & 6.4: Inverse trig functions of angles
10/313Tues 7-9pm	TEST 2: Chapter 4 and 6.1-6.4
10/30-11/3	6.5 – 6.6 Law of sines/cosines
11/6-11/9	5.1 – 5.2 Unit Circle, Trig functions of real numbers
11/13-11/17	5.3-5.4 Graphing Trig functions;
11/20-11/21	Review for test 3—note that this is Thanksgiving weekend
11/283Tues 7-9pm	TEST 3: Chapter 6.5-6.6 and 5.1-5.4
11/27-12/1	5.5 – 5.6 Inverse trig functions, Harmonic motion
12/4-12/8	7.1-7.4: Double and half angle formulas; identities
12/11-12/14	Review for final exam
12/19Tues 7-9pm	FINAL EXAM (Chapters 2-6)