Syllabus for
Precalculus (Math 260)

Course:	Precalculus (Math 260)
Prerequisite:	Intermediate Algebra (Math 125)
Instructor:	Peter H. Lee
Office Hours:	MW 7:00-7:15pm, 9:55-10:15pm
Email:	lee_peter@smc.edu
Textbook:	Precalculus, 6th Edition, by David Cohen.
Calculator:	No calculators are allowed on exams.
Attendance:	Class attendance is essential to success. Maximize your learning during class time.
Homework:	Homework will be given time to time. You must show all work to receive credit.
Exams:	Every midterm will be cumulative, that is, each midterm may include some problems from previous topics. No make up exams. If you miss one midterm, then the value of the final exam will increase by the value of the missed midterm. Second missed exam will count as 0.

Notes: **http://homepage.smc.edu/lee_peter/w260**

3 stages of study: (1) Study with solutions, understand questions.
(2) Study without solutions, check solutions on your own.
(3) Study without text or notes,
write summary of each topic, construct questions, write theorems, formulas, study variations of problems, reverse problems, graphs

Grading:	Homework	10 %
	Cumulative Final Exam	40 %
	5 Midterms @ 10 % each	50 %
	No make up exams, no make up HW	

Grading Scale: A>86%>B>73%>C>60%>D>55%>F

Course SLO: Understand and evaluate basic functions, including polynomials, power, piecewise defined, exponential, log, trigonometric, and their inverse functions, and know how to formulate and apply those functions.

Course objective: Upon completion of this course, students will perform operations on functions, determine and analyze real zeros of polynomials, solve exponential and log equations, prove trigonometric identities, and solve trigonometric equations, find nth roots of a complex number, evaluate arithmetic and geometric sequences and series, apply mathematical induction to prove formulas, graph conic sections, know binomial theorem.

Tentative Lecture Schedule

Sep	3 (W):	1.1-1.7
	8 (M):	2.1, 2.2, 2.3
	10 (W):	2.4, Midterm 0 (chapter 1)
	15 (M):	3.1, 3.2, 3.3
	17 (W):	3.4, 3.5
	22 (M):	3.6
	24 (W):	4.1, Midterm 1 (chapters 2, 3)
	29 (M):	4.2, 4.4, 4.5
Oct	1 (W):	4.6, 4.7
	6 (M):	12.1, 12.2, 12.3
	8 (W):	12.5, 12.7, 12.8
	13 (M):	5.1, 5.2, 5.3, 5.4
	15 (W):	5.5, 5.6, 5.7
	20 (M):	Midterm 2 (chapters 4, 12, 5)
	22 (W):	7.1, 7.2, 7.3
	27 (M):	6.1, 6.2, 6.3
	39 (W):	6.4, 6.5
Nov	3 (M):	7.4, 7.5, 7.6
	5 (W):	7.7, 8.1, 8.2
	10 (M):	8.3, 8.4, 8.5
	12 (W):	9.1, 9.2
	17 (M):	Midterm 3 (chapters 6, 7, 8, 9)
	19 (W):	11.1, 11.2
	24 (M):	11.4, 11.5, 11.6
	26 (W):	Midterm 4 (chap 11)
Dec	1 (M):	13.1, 13.2
	3 (W):	13.3, 13.4
	8 (M):	13.5
	10 (W):	??
	15 **(M):**	**Cumulative Final Exam**