

Syllabus for  
Precalculus (Math 260)

Course: Precalculus (Math 260)  
 Prerequisite: Intermediate Algebra (Math 125)  
 Instructor: Peter H. Lee  
 Classroom: MSA 006  
 Time: 7:15pm-9:50pm  
 Office Hours: MW 7:00-7:15pm, 9:50-10:10pm  
 Email: leeph@wlac.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: Some homework may be given time to time. Must show all work to receive credit.  
 Calculators: Calculators are not allowed on exams.

**Notes:** [http://homepage.smc.edu/lee\\_peter/w260](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: 5 Midterms @ 12 % each 60 %  
 Cumulative Final Exam 30 %  
 Homework and/or quizzes 10 %  
 No make up exams, homework, quizzes.  
 Quizzes will be unannounced and given during any part of class time.

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

Policies: General student policy, grading policy, and student code of conduct can be found at  
[www.wlac.edu/School-Policies.aspx](http://www.wlac.edu/School-Policies.aspx)

DSPS: (Disabled Student Programs and Services)  
 For any DSPS accommodation, call DSPS office, 310-287-4450, dsps@wlac.edu  
 Office is located at SSB 320, open M-Th 8:30-4:30, F 9-1.

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

Aug	31 (M):	M0testprep, 1.1, 1.2, 1.3.
Sep	2 (W):	1.4, 1.5, 1.6, 1.7
	7 (M):	No Class (Labor Day)
	9 (W):	2.1, 2.2, Midterm 0 (chapter 1)
	14 (M):	2.3, 2.4, 3.1
	16 (W):	3.2, 3.3, 3.4
	21 (M):	3.5, 3.6
	23 (W):	4.1, Midterm 1 (chapters 2, 3)
	28 (M):	4.2, 4.4, 4.5
	30 (W):	4.6, 4.7
Oct	5 (M):	12.1, 12.2, 12.3
	7 (W):	12.5, 12.7, 12.8
	12 (M):	5.1, 5.2, 5.3, 5.4
	14 (W):	5.5, 5.6, 5.7
	19 (M):	Midterm 2 (chapters 4, 12, 5)
	21 (W):	7.1, 7.2, 7.3
	26 (M):	6.1, 6.2, 6.3
	28 (W):	6.4, 6.5
Nov	2 (M):	7.4, 7.5, 7.6
	4 (W):	7.7, 8.1, 8.2
	9 (M):	8.3, 8.4, 8.5
	11 (W):	No Class (Veteran's Day)
	16 (M):	9.1, 9.2
	18 (W):	Midterm 3 (chapters 6, 7, 8, 9)
	23 (M):	11.1, 11.2
	25 (W):	11.4, 11.5, 11.6
	30 (M):	Midterm 4 (chap 11)
Dec	2 (W):	13.1, 13.2
	7 (M):	13.3, 13.4
	9 (W):	13.5
	14 (M):	<b>Cumulative Final Exam</b>