

Math 41**De Anza College, Cupertino.****Quarter- Fall 2016**

Course: MathD041.64 Pre-Calculus 1: Theory and functions Call # 22356
 Time –TR, 6:30 to 8:45 p.m. Room – MCC 13 units – 5.

Prerequisite: Math 114, Intermediate Algebra with C or better grade.

Texts and (1) Pre calculus with limits, 3rd Edition by Ron Larson.

Equipment: (2) Graphing Calculator. TI-83 Plus/TI 84 calculator required.

WebAssign course name: Precalculus 1, Math 41.64, Fall 2016, De Anza Coll, section 2

Class Key: deanza 5365 2075

Instructor: H. K. SHAH. Email: shahhemendra@fhda.edu

Office hours: Thursdays, 8:45 p.m. to 9:15 p.m., Room E 37.

Attendance: Students are expected to attend all class meetings without tardy. Student with three recorded absences will be dropped from the course. **If student decides to drop the course, it is his/her responsibility to drop the course. Student disappearing from class will get F grade.** There are 20 points for attendance; for each absence, 5 points will be deducted.

Course Outline: SLOs: Outcome 1: Investigate, evaluate, and differentiate between algebraic and transcendental functions in their graphic, formulaic, and tabular representations. Outcome 2: Synthesize, model, and communicate real-life applications and phenomena using algebraic and transcendental functions.

I shall cover Appendix A.1 to A.6 sections, chapters 1 to 3, partly chapter 10 of the book. Topics are Functions and Graphs, Polynomial and Rational Functions, Exponential and Logarithmic Functions, and conic sections. It is an intensive course, requiring ten to fifteen hours of study time outside the class. We are going to use TI-83 plus graphing calculator intensively.

Homework: Students will do homework on internet using Enhanced WebAssign program at web address www.webassign.net/cengage . You need to get the access code when you purchase the book. WebAssign course name and class key are written above. You need class key when you create your account. **Late homework will not be accepted for grading purpose.**

Examinations: There will be three midterm tests each of one hour, and three quizzes each of 20-25 minutes. **There will be no make-ups for missed tests/final or quizzes.** If only one test is missed **due to unavoidable circumstance, and the instructor is notified in advance or quickly;** the final exam score % will be used to replace score of missed test. A comprehensive final examination of two hours will be given during 6:15 to 8:15 p.m. on **Thursday, December 15, 2016** in our classroom. **Student absents in the final exam will get F grade. All students need to save corrected returned papers of quizzes and midterm tests. I may need it in unusual situation.**

Evening Office Coordinator: Administrative office Phone: 864-8333

Disruptive behavior: De Anza College will enforce all policies and procedures set forth in the *Standards of Students Conduct* (refer catalogue). Any student disrupting a class may be asked to leave that class. Administrative follow-up may result.

Academic Integrity: It is assumed that all students will pursue their studies with integrity and honesty; however all students should know that incidents of academic dishonesty like cheating and plagiarism are taken very seriously. **Students involved in cheating will be dropped and get F for the course. Further disciplinary action by administration will follow.**

Grades:

<u>Grade Scale</u>	<u>Points range</u>	<u>Percentage range</u>	<u>Examinations</u>	<u>Point</u>
A+ 4.0	476 to 500	95+ to 100 %	Three Tests	3x75 = 225
A 4.0	456 to 475	91+ to 95 %	Three Quizzes	3x25 = 75
A- 3.7	436 to 455	87+ to 91 %	Homework	50
B+ 3.3	416 to 435	83+ to 87 %	Final exam	130
B 3.0	396 to 415	79+ to 83 %	Attendance	20
B- 2.7	376 to 395	75+ to 79 %	Total points	500
C+ 2.3	351 to 375	70+ to 75 %		
C 2.0	326 to 350	65+ to 70 %		
D+ 1.3	306 to 325	61+ to 65 %		
D 1.0	296 to 305	59+ to 61 %		
D- 0.7	276 to 295	55+ to 59 %		
F 0.0	0 to 275	0 to 55 %		

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Units: 5

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Class Key: deanza 5365 2075

Text: Precalculus with limits, 3rd Edition by Larson.

Instructor: H. K. Shah, Email: shahhemendra@fhda.edu

Week # /Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 September	26	27 Appendix – A.1 to A.6	28	29 1.1, 1.2	30	Oct. 1
2 October	3	4 HW- 1 due. 1.3, 1.4	5	6 1.5, 1.6	7	8 Last day to drop with full refund 9 th Oct.
3	10	11 Quiz-1, HW-2 1.7	12	13 1.8, 1.9	14	15
4	17	18 1.9, 1.10	19	20 Review, Test-1. HW-3	21 Last day to request pass/no pass	22
5	24	25 2.1, 2.2	26	27 2.3, 2.4	28	29
6 November	31	Nov. 1 Quiz-2, HW-4 2.5	2	3 2.5, 2.6	4	5
7	7	8 2.6,2.7	9	10 Test-2, HW-5 Review	11	12
8	14	15 3.1, 3.2	16	17 3.2, 3.3	18 Last day to drop with 'W'	19
9	21	22 3.4, 3.5	23	24 Thanksgivings	25 Thanksgivings	26
10	28	29 Quiz-3, HW-6 10.2,10.3	30	Dec. 1 10.3,10.4	2	3
11 December	5	6 Test-3, HW-7 Review.	7	8 Whole review	9	10
12	12	13 No meeting.	14	15 Final Examination 6:15 to 8:15 p.m.	16	17

HW/Quiz/Test # ⇒	1	2	3	4	5	6	7
Homework assignment Sections/Chapters	Appendices A1 to A7.	1.1 to 1.6	1.7 to 1.10	2.1 to 2.4	2.5 to 2.7	3.1 to 3.5	10.2 to 10.4
Sections to be covered For Quiz	1.1 to 1.6	2.1 to 2.4	3.1 to 3.5		-----	-----	
Chapters/sections to be Covered for Test	Chapter 1	Chapter 2	Chapters 3,10	-----	-----	-----	

Final exam will be comprehensive, show your work type exam. No, multiple choice exams.