

Math 41

De Anza College, Cupertino.

Quarter- Spring 2018

Course: MathD041.21 Pre-Calculus 1: Theory and functions **Call # 40237-1**
Time –MW, 1:30 to 3:45 p.m. **Room** – L 83 **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 needed.

WebAssign course name: Precalculus 1, Math 41, Spring 2018, HKSHAH, De Anza College.

Class Key: deanza 4714 9101

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

Office hours: Mondays, Wednesday, 1:00 p.m. to 1:25 p.m., Room E 37.

Attendance: Students are expected to attend all class meetings without tardy. Student with three 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 ten points for full attendance; for each absence, 5 points will be deducted. Ten extra points are assigned for regularly attending tutorial center or meeting me during office hrs.

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 buy 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. If students do better in the final exam compared to lowest scored test, that test will be replaced by % of final exam. A comprehensive final examination of two hours will be given during 1:45 to 3:45 p.m. on Monday, June 25, 2018 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.* Cell phone is not permitted in all exams.

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 the class. Administrative follow-up may result.

Academic Integrity: It is expected 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:

Grade scale	Points range	Percentage range	Examination	points
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	60
B+ 3.3	416 to 435	83+ to 87 %	Class attendance	10
B 3.0	396 to 415	79+ to 83 %	Final examination	<u>130</u>
B_ 2.7	376 to 395	75+ 79 %	Total points	500
C+ 2.3	351 to 375	70+ 75 %	Extra points to attend tutoring center	10
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+ 59 %		
F 0.0	0 to 275	0 to 55 %		

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Course: Math - D 0 41.21, Precalculus 1: Theory and functions.

Call # 40237-1

Time- TR, 1:30 to 3:45 p.m.

Room- L 83

Units: 5

WebAssign course name: Precalculus 1, Math 41, Spring 2018, HKSHAH, De Anza College.

Class Key: deanza 4714 9101

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

Instructor: H. K. Shah

Week # /Month	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 April	9 1.1, 1.2	10	11 HW- 1 due. 1.3, 1.4	12	13	14
2	16 1.5, 1.6	17	18 Quiz-1, HW-2 1.7	19	20	21 April 21, last day to add; April 22, last day to drop for refund, enforced.
3	23 1.8, 1.9	24	25 1.9, 1.10	26	27	28
4 May	30 Review, Test- 1. HW-3	May 1	2 2.1, 2.2	3	4 Last day to request pass/no pass	5
5	7 2.3, 2.4	8	9 Quiz-2, HW-4 2.5	10	11	12
6	14 2.5, 2.6	15	16 2.6,2.7	17	18	19
7	21 Test-2, HW-5 Review	22	23 3.1, 3.2	24	25	26
8	28 Memorial Day	29	30 3.2, 3.3	31	June 1 Last day to drop with 'W'	2
9 June	4 3.4, 3.5	5	6 Quiz-3, HW-6 10.2	7	8	9
10	11 10.3	12	13 10.4	14	15	16
11	18 Test-3, HW-7 Review.	19	20 Whole review	21	22	23
12	25 Final Examination 1:45 to 3:45 pm	26	27 Blank day		29 Commencement ceremony	30

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	-----	-----	-----	

All exams are 'show your work' type exams, including final exam. No exam is multiple choice.

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.