Math 41.03– Precalculus I: Theory of Functions
Math 231.03 – Algebra Support for Precalculus 1

Instructor: Danny Tran   Email: TranDanny@fhda.edu

Office Hours: M-F 9:45AM – 10:15AM (E32A); W-Th 12:40PM – 1:20PM (E32A) & by appointment

Prerequisite: Math 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test w/in last calendar year.

Class: M – F 10:30AM – 12:20PM (E33)

Required Materials: 1. Precalculus with Limits by Larson; 3rd edition.
                             2.   Student Access Code to WebAssign.
                             3.   Calculator (Graphing optional)

WebAssign: This is an online program we will be using to complete homework assignments You can either purchase it straight from the website or purchase a textbook from the De Anza bookstore, and WebAssign access will be included. Here are steps to sign up for the online homework system:

                             1 – Go to http://www.webassign.net
                             2 – Click on "I Have A Class Key"
                             3 – Enter: **deanza 2690 6947**
                             4 – Fill out your personal information

                             If you elect not to pay for the online HW, you must submit hand-written HW to me on the due date, and I will randomly select up to 5 problems from each HW assignment to grade. I highly recommend that you complete the HW online through WebAssign.

Attendance: Mathematics is a very demanding subject. As a result, regular attendance is extremely important. However, I realize that, on rare occasions, unforeseen circumstances may arise that will prevent you from attending class or will force you to be late to class. *Also, you MUST be in attendance during the entire first week of classes to ensure that you are not dropped from the course.*

Grading:

Group Quizzes (6 - Drop Lowest)	200
Homework	120
Classwork	60
Exit Tickets (Drop Lowest)	40
Exams (3)	360
Final Exam	220
Total	**1000 points**

Checking Your Grade:	Using Google Drive, you will have access to your current grade. Simply email me at trandanny@fhda.edu with your Gmail address & a code name you would like to be identified as on the document. (The code name can be anything that does not reveal your true identity – it can be anything from your favorite type of pasta to your favorite sports team). I will then invite you to the document where you can see your grade on each of the class' assessments.
Group Quizzes:	There will be 6 group quizzes throughout the quarter. They will last approximately 60 minutes. You are allowed to work with up to 2 other people during the group quiz. You must submit your own quiz. You are only allowed to use a pencil / pen, eraser, & graphing calculator. You may not make up a quiz after it has been administered, but you may take a quiz early if allowed by the instructor. You may drop your lowest quiz. The lowest group quiz will be dropped; however, you are not allowed to drop a quiz in which you cheat.
Exams:	There will be 3 exams. They will last approximately 80 minutes. You are only allowed to use a pencil / pen, eraser, graphing calculator, & note card (that I will distribute). For the final exam, you will be allowed to use a pencil / pen, eraser, graphing calculator, and a note card (that I will distribute). You may not make up an exam after it has been administered, but you may take an exam early if allowed by the instructor.

Grades: Here is what you need in order to obtain the grade you want:

		B+	[88%, 90%)
A	[92%, 100%]	B	[82%, 88%)
A-	[90%, 92%)	B-	[80%, 82%)
C+	[78%, 80%)	D	[60%, 70%)
C	[70%, 78%)	F	[0%, 60%)

Final Exam Date:	Tuesday, December 10th, 1:45PM – 3:45PM (You MUST be able to take the final on this day & at this time. NO exceptions)

Get to Know Your Classmates:
Obtain the following information from at least 3 of your classmates:

Name: Name: Name:

Email: Email: Email:

Telephone #:   Telephone #:   Telephone #:

Also, to best prepare yourself for the course, I recommend that you purchase & bring to class each day:
1 – **A 3-ring binder**
2 – **4 dividers (title them: lecture notes, handouts, quizzes & exams, miscellaneous)**
3 – **A notebook or loose-leaf paper to take notes in.**

Expectations:

Math 41 is an incredibly challenging course; be sure you put yourself in the best situation to succeed by having terrific study habits. The De Anza College Math Department strongly suggests that for each hour of instruction, you spend 1.5 – 2 hours, outside of class, studying (**translates to 6-8 hours per week**). Below is a list of tasks I recommend that you do in order to best succeed in this course & prepare yourself for calculus:

In class:
- ✓ Attend every class (lectures, reviews, quizzes, exams, and labs)
- ✓ Take notes & ask questions
- ✓ Work with students during the worksheet portion of class

Outside of class:
- ✓ Preview each lesson by skimming the lesson for 10-15 minutes before class meets
- ✓ Review your notes after class, making sure you have understood the material
- ✓ Attend office hours
- ✓ Form study groups to complete homework, study for quizzes / exams / final
- ✓ Read the textbook
  - o Read explanations
  - o Work through the completed examples
  - o Complete extra practice problems

Math 41 & Math 231 Course Schedule Fall 2019 (Tentative Schedule)

TUESDAY	WEDNESDAY	THURSDAY
Sep 24 Intro, Syllabus, A1	Sep 25 A2, A3	Sep 26 A4, A5
Oct 1 A6	Oct 2 1.1, 1.2	Oct 3 1.3, Group Quiz #1
Oct 8 1.4	Oct 9 1.5	Oct 10 1.6, Group Quiz #2
Oct 15 1.7	Oct 16 1.8, Exam Review	Oct 17 Exam #1
Oct 22 1.9	Oct 23 1.10	Oct 24 2.1, Group Quiz #3
Oct 29 2.2	Oct 30 2.3	Oct 31 2.5, Group Quiz #4
Nov 5 2.6	Nov 6 2.7, Exam Review	Nov 7 Exam #2
Nov 12 3.1	Nov 13 3.2	Nov 14 3.3, Group Quiz #5
Nov 19 3.4	Nov 20 3.5	Nov 21 10.2, Group Quiz #6
Nov 26 10.2, 10.3	Nov 27 10.3, 10.4	Nov 28 Thanksgiving – No Class
Dec 3 10.4, Exam Review	Dec 4 Exam #3	Dec 5 Final Exam Review
Dec 10 Final Exam (1:45 – 3:45PM)		

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.