

**De Anza College – Winter 2018**  
**MATH 41-21 Precalculus I**

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Instructor: Dr. Paul Du  
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Class: Mon & Wed 1:30–3:45 pm, Room L74  
Office Hours: Tue 5:10–6:00 pm, Wed 12:30–1:20 pm, Room S43

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### **Prerequisite**

MATH 114 or equivalent (with a grade of C or better); or a satisfactory score on the College Level Math Placement Test within the last calendar year.

### **Required Course Materials**

- Textbook: *Precalculus with Limits*, Ron Larson, Third Edition, Brooks/Cole.
- Course Packet (in Course Folder).
- Others: Stapler, 3-ring binder, loose-leaf paper/notebook, pencils, eraser, colored pen.

### **Calculator Policy**

The use of a graphing calculator for exploring concepts is encouraged in this course and may be helpful on homework, but graphing calculators will not be allowed on exams or quizzes. A non-graphing, scientific calculator may be used on exams and quizzes. No cell phones will be allowed on exams or quizzes.

### **Homework and Quizzes**

Homework will be assigned for each lesson and will consist of two parts, uncollected practice exercises and collected written assignments. Written assignments will be due on each exam day. Students are responsible for solving all the problems assigned, both collected and uncollected. Written assignments will be graded on neatness, completeness, and correctness. Late homework will be accepted but will receive a maximum of half credit.

*Written Assignment Requirement:* The assignments must be printed out and completed on standard letter size paper, stapled together, and in pencil or black/blue pen. The first page must be a cover page that contains the student name and a homework completion checklist. Any homework that does not follow the assignment requirement will not be collected or will cause significant points to be deducted.

There will be six (6) quizzes given throughout the quarter. Quiz problems will be similar to (or taken directly from) the homework. You will be allowed to use your completed homework, but not the book or notes, during the quizzes. The lowest quiz score will be dropped. There will be **no make-up quizzes under any circumstances**.

### **Exams**

There will be two (2) midterm exams given during the quarter. Students may bring one  $3\frac{1}{2} \times 5\frac{1}{2}$  index card (two-sides) of handwritten notes to each midterm exam. The lowest midterm exam score will be replaced

by the final exam score, if the latter is higher. There will be **no make-up midterm exams under any circumstances**.

A mandatory comprehensive final exam will be given at the end of the quarter. Students may bring one 8.5<sup>jj</sup> x 11<sup>jj</sup> sheet (two sides) of handwritten notes to the final exam. A picture ID is required to take the final exam. The final exam must be taken at the officially scheduled time. Any student who **misses the final exam will receive a grade of F** for the course.

## **Grading Policy**

The course grade will be determined by the following criteria:

Classwork/Participation . . . . .	5%	A =	90% – 100%
Homework . . . . .	10%	B =	80% – 89%
Quizzes . . . . .	10%	C =	70% – 79%
Midterm Exams . . . . .	45%	D =	60% – 69%
Final Exam . . . . .	30%	F =	0% – 59%

Note: The instructor reserves the right to assign plus/minus grades for borderline cases based upon class participation and attitude.

## **Attendance Policy**

Students are expected to attend all classes, to be on time and to stay for the entire class period. Any student who misses more than one (1) class during the first two weeks or more than three (3) classes before the withdraw deadline may be dropped by the instructor. If a student decides not to continue with the course, it is the student's responsibility to officially drop the course. Failure to do so may result in a grade of F for the course.

## **Academic Honesty**

Students are responsible for keeping themselves informed of the De Anza College Policy on Academic Integrity ([www.deanza.edu/studenthandbook/academic-integrity.html](http://www.deanza.edu/studenthandbook/academic-integrity.html)). Cheating will not be tolerated and can result in receiving a zero on the exam or an F for the course up to being reported to the Dean of Students Office for possible disciplinary action.

## **Student Conduct and Classroom Behavior**

Students are responsible for keeping themselves informed of the De Anza College Student Code of Conduct ([www.deanza.edu/dsps/dish/appendix/conducts.html](http://www.deanza.edu/dsps/dish/appendix/conducts.html)). Disruptive behavior in the classroom, including (but not limited to) talking during lecture, making distracting noises, or arriving to class late or leaving early, is unacceptable. Persistent disruption can result in being asked to leave the class and/or being referred to the Dean of Students Office.

## **Accommodations for Students with Disabilities**

Students with disabilities who believe that they may need accommodations in this course are encouraged to contact Disability Support Services (408-864-8753) or Educational Diagnostic Center (408-864-8839)

as soon as possible to ensure that such accommodations are arranged in a timely fashion.

## Additional Help

If you find yourself falling behind or find any topics difficult to understand, seek help immediately! Math and Science Tutorial Center (S43) provides free individual and group tutoring. A useful online math learning resource is Khan Academy ([www.khanacademy.org/math](http://www.khanacademy.org/math)).

## Grade Tracker

Note: It is the student's responsibility to keep track of all the scores of assessments. An Excel grade calculator is provided under the course folder to help determine the current course grade.

<b>Assessments</b>	<b>Classwork ( /5)</b>	<b>HW Sets ( /10)</b>	<b>Quizzes ( /10)</b>	<b>Exams ( /100)</b>	<b>Final Exam ( /100)</b>
Classwork					
HW Set 1					
HW Set 2					
HW Set 3					
Quiz 1					
Quiz 2					
Quiz 3					
Quiz 4					
Quiz 5					
Quiz 6					
Exam 1					
Exam 2					
Final Exam					



**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.