De Anza College – Summer 2022
MATH 1C-01Z Calculus

Instructor: Paul Du, PhD
Class: MTWTh 7:30 am–9:45 am, Zoom
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Prerequisite

Mathematics 1B with a grade of C or better, or equivalent.

Course Materials

- Textbook: *Calculus: Early Transcendentals*, 9th Edition, J. Stewart, Cengage Learning
- Course Notes
- Others: 3-ring binder, loose-leaf paper/notebook, pencils, eraser, colored pen

Calculator

A graphing calculator (e.g. TI-83/TI-84) is recommended.

Tips for Success

- ▶ Participate actively in class.
- ▶ Work problems every day.
- ▶ Review old material constantly.
- ▶ Form a study group.
- ▶ Utilize tutoring and online resources.

Workload

This is an intensive, fast-paced summer course. Students are expected to spend a minimum of 2 to 3 hours outside of class each day reading the notes/book, solving homework problems, and preparing for the exams.

Homework and Quizzes

Homework will be assigned for each lesson and will be due on each exam date. Students are responsible for solving all the problems assigned, showing all work in a neat and orderly manner. Simply giving answers without showing work will receive no credit. Homework will be graded on neatness, completeness, and correctness. Late homework will be accepted but will receive a maximum of half credit.

There will be three (3) quizzes given throughout the summer session. Quiz problems will be based on the homework and class examples. There will be **no make-up quizzes under any circumstances**. Instead, the lowest quiz score will be dropped.

Exams

There will be two (2) midterm exams given during the quarter. There will be **no make-up midterm exams under any circumstances**. Instead, the lowest midterm exam score will be replaced by the final exam score, if the latter is higher.

A mandatory comprehensive final exam will be given at the end of the quarter. The final exam must be taken at the officially scheduled time. Students must take the final exam in order to pass the course.

Late Submission Policy: All the exams shall be scanned and submitted in Canvas. It is the student's responsibility to ensure that the exam is properly scanned and submitted on time. A penalty will be applied to the exam score for a late submission: 10% deducted for up to 10 minutes late; 20% deducted for 10 minutes to 20 minutes late. Any submission more than 20 minutes late will receive no points.

Grading Policy

The course grade will be determined by the following criteria:

Homework 10%	[99%, 100%]	=	A+	[80%, 82%)	=	B–
Quizzes 20%	[92%, 99%)	=	A	[77%, 80%)	=	C+
Midterm Exams 40%	[90%, 92%)	=	A–	[65%, 77%)	=	C
Final Exam 30%	[87%, 90%)	=	B+	[55%, 65%)	=	D
	[82%, 87%)	=	B	[0%, 55%)	=	F

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 week or more than three (3) classes before the withdraw deadline may be dropped by the instructor. Each incidence of tardiness or leaving class early will count as half an absence. 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 Policy

Students are responsible for keeping themselves informed of the De Anza College Policy on Academic Integrity (`www.deanza.edu/policies/academic_integrity.html`). Cheating will not be tolerated and may result in receiving a zero on the exam or an F for the course and being reported to the Dean of Students Office for possible disciplinary action.

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.

Student Learning Outcome(s):

*Graphically, analytically, numerically and verbally analyze infinite sequences and series from the perspective of convergence, using correct notation and mathematical precision.
*Apply infinite sequences and series in approximating functions.
*Synthesize and apply vectors, polar coordinate system and parametric representations in solving problems in analytic geometry, including motion in space.