

De Anza College – FALL 2026

MATH 1C - 10 (CRN 29111) - Calculus III

Instructor: Cisil Karaguzel, Ph.D.

Email: karaguzelcisil@fhda.edu

Class Schedule & Location: Monday & Wednesday, 1:30 pm – 3:45 pm at MLC105

Office Hours: Thursdays 2:00 pm- 3:00 pm at PST- Village (S55) or by appointment

Prerequisite

MATH 1B or MATH 1BH (with a grade of C or better) or equivalent

Course Materials

- **Textbook:** Calculus: Early Transcendentals, 9th Edition, by James Stewart, Daniel K. Clegg and Saleem Watson. You do not need a printed copy; the e-book comes with WebAssign access.
- **WebAssign:** Homework is done on WebAssign, and you **must purchase** access unless you already have active access for this textbook from a previous course. You **need** WebAssign access for Stewart/Clegg/Watson's Calculus: Early Transcendentals, 9th Edition, which includes the e-book. Always open WebAssign through the links in our Canvas course page. Further instructions are on our Canvas course page.
- **Canvas:** Quizzes, announcements, grades, weekly modules and the WebAssign homework links are all on Canvas. Please check it regularly.

Course Objectives

- Examine sequences and series
- Examine and apply the various convergence tests for infinite sequences and series.
- Use power series to represent functions and use polynomials to approximate them.
- Examine the polar coordinate system, and graph, differentiate and integrate polar functions.
- Investigate vectors in two and three dimensions and perform vector operations.
- Examine vector functions and parametric curves, and graph, differentiate and integrate curves in parametric form; compute arc length.
- Determine the equations of lines and planes.

Student Learning Outcomes

- 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.

Midterm Exams

There will be three one-hour **in-class** midterm exams:

- Exam 1: Monday, October 12
- Exam 2: Monday, November 2
- Exam 3: Monday, November 23

Any further details will be announced via Canvas. **There will be no make-up exams.** If you miss a midterm for any reason, your final exam score will replace that zero. This replacement policy also applies to your lowest midterm score if you attend all midterms but score higher on the final exam. If you miss more than one midterm, the second missed midterm will be recorded as a zero.

Final Exam

There is a **mandatory** comprehensive final exam on **Monday, December 7, 1:45 pm- 3:45 pm**. There is no make-up for the final exam. You **must** take it on the scheduled date and time.

Homework Assignments

Homework assignments will be assigned through WebAssign which will be accessed and enrolled through our course's Canvas page. There will be six homework assignments, the lowest one will be dropped. No late submissions, no make-up for homework.

Quizzes

There will be 6 take-home quizzes, which will be all posted on Canvas and will be submitted through Canvas. The lowest score will be dropped. No late submission, and no make-up for quizzes.

Grading Policy

Component	Weight
WebAssign Homework	15%
Quizzes	15%
Exam 1	15%
Exam 2	15%
Exam 3	15%
Final Exam	25%
Total	100%

Letter Grades:

Letter Grade	A+	A	A-	B+	B	B-	C+	C	D	F
Course Score	[98, 100]	[92, 98)	[89, 92)	[87, 89)	[80, 87)	[78, 80)	[74, 78)	[65, 74)	[55, 65)	[0, 55)

Attendance Policy

Students are expected to attend all classes for the entire class period. Any student who misses more than one class during the first two weeks or more than three classes before the withdraw deadline may be dropped by the instructor. However, it is the student's responsibility to officially drop the course if a student decides not to continue the course.

Important Administrative Dates

- October 4: Last day to add 12-week classes & last day to drop without a 'W'
- November 11: Veterans Day holiday - no classes
- November 13: Last day to drop classes with a 'W'
- November 26–27: Thanksgiving holiday - no classes
- December 7–11: Final Exams Week

Academic Honesty Policy

Students are expected to follow the De Anza College Policy on Academic Integrity. Cheating of any kind is taken seriously. Depending on the situation, it may result in a zero on the assignment or exam, a failing grade in the course, and a report to the Dean of Students Office, which may lead to further disciplinary action. <https://www.deanza.edu/policies/academic-integrity.html>

Student Conduct and Classroom Behavior

Students are expected to follow the De Anza College Student Code of Conduct. Behavior that distracts others, such as side conversations during lecture, unnecessary noise, or regularly arriving late or leaving early, is not acceptable. Students who continue to disrupt class may be asked to leave and may be referred to the Dean of Students Office.

<https://www.deanza.edu/policies/conduct.html>

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. Once you have an approved accommodation, please share it with me so we can plan, especially for exams. <https://www.deanza.edu/dsps/>

Tutoring Services

Free tutoring is available through the De Anza Student Success Center. Math tutoring is in S43, and online tutoring is available through NetTutor in Canvas. For current hours and options, visit <https://www.deanza.edu/studentssuccess/>

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- Apply infinite sequences and series in approximating functions.
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Office Hours:

1:00 PM - 2:00 PM

PST - Village (S55) TH

11:30 AM - 12:30 PM

PST - Village (S55) T,TH