

MATH 1C.03 – Calculus

Infinite series, lines and surfaces in three dimensions, vectors in two and three dimensions, parametric equations of curves. Derivatives and integrals of vector functions.

Erik Houser

MTWThF 9:30-10:20 am | E - 36

Contact Information

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Office Hours

Virtual: T/W 1:30 – 2:05 pm

Physical: M/Th/F 10:30-11:15 am

Virtual hours will be held via email, and physical hours will be in my office. I am also available by appointment.

Prerequisites

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

Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Materials

Textbook: *Calculus: Early Transcendentals 7th edition*, by Stewart.

ISBN: **978-0-538497-90-9** (physical book); **e-book included with WebAssign access**

Graphing/Scientific Calculator (recommended)

WebAssign Access Code for online homework, **available for purchase at the BOOKSTORE (\$107.85 LOE)**, or online at: www.webassign.net (**\$94 single use or \$125 Lifetime of Edition**)

WebAssign Class Key: deanza 8884 1544

Student Learning Outcomes

Upon successful completion of the course, the student should be able to:

- *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*

IMPORTANT DATES:

Last day to:

- drop with a full refund: Sunday, Oct. 9
- drop with no record of grade: Sunday, Oct. 9
- request pass/no pass grade: Friday, Oct. 14
- drop with a "W" grade: Friday, Nov. 18

Holidays (CAMPUS CLOSED):

- Veterans Day: Friday, Nov. 11
- Thanksgiving Recess: Thursday – Sunday, Nov. 24 – 27

Last Class Meeting: Friday, Dec. 9

Final Exam: Monday, Dec. 12, 9:15 am – 11:15 am

Last Day to Access Online HW: Thursday, Dec. 15

POLICIES:

Classroom Etiquette/Course Format

The classroom is a learning environment. **NO CELLULAR PHONES or computers should be in use**, unless arrangements have been made prior to the start of class. Once lecture begins, there should be no "social" conversations and students **should not** be asking their classmates for clarification of topics during lecture. I expect that each student will give their best effort to be attentive, participate in the classroom discussions, and attempt to complete all of the problems given as examples in the classroom. All students are expected to respect the learning of others and should refrain from disruptive/disorderly conduct or any acts that could negatively impact the classroom learning environment.

NO EATING OR DRINKING IN THE CLASSROOM.

Students are expected to adhere to the tenets of the Foothill/De Anza Community College District Student Code of Conduct. Cheating/Academic Dishonesty will not be tolerated; this includes copying the work of another student's review assignment or lab project results. Instances of cheating/academic dishonesty will be dealt with in accordance with De Anza College's policy, and may result in an "F" grade for the course.

Attendance

Regular class attendance is expected. **Students missing any day the first week will be dropped from the course.** After the first week, a student may be dropped from the class if she/he is absent **three** times. Dropping or withdrawal from the class due to hardship is the students' responsibility. A student who stops coming to class and does not drop/is not dropped by Nov. 18 will receive an "F" grade. It is the students' responsibility to inform the instructor if she/he is going to be absent and the student is responsible for any material covered/announcements made on the day of the absence. ****An "excused absence" is an absence due to a medical emergency, some other unavoidable situation, or school related function that is supported with documentation/evidence**.**

Homework

Homework will be assigned for each chapter that is covered in the class. Online homework is to be completed using WebAssign (www.webassign.net, Class Key: **deanza 8884 1544**) I expect that all homework will be completed by its due date, however, there will be, at most, one extension of any specific homework assignment with a 15% reduction for all unfinished problems. Extensions will not extend beyond 7 calendar days after the assignment's due date. **All online homework will be due by 10 pm on the Sunday of the week assigned.** Last day to access homework is Thursday, December 15. **Projects WILL NOT be accepted late.**

Grades

ONLINE HOMEWORK	100 POINTS TOTAL (based on % completed)
Mini-QUIZZES (6)	5 POINTS EACH
QUIZZES (4)	40 POINTS EACH
Classwork (6)	10 POINTS EACH
TESTS (2)	75 POINTS EACH
PROJECTS	100 POINTS TOTAL
FINAL EXAM	150 POINTS

Note: NO MAKE UP EXAMS OR QUIZZES. If you earn a percentage of 150 points on the final exam that is higher than the percentage correct on your lowest test score, that percentage of 75 points will replace the lowest test score. Lowest quiz score will get replaced with average of two highest quiz scores (Quiz #1 not included).

****Replacement of grade will not occur for zero due to an unexcused absence****

Letter Grade	Minimum # of Points Required for Grade	Minimum % of Points Required for grade
A+	750	100%
A	679	91%
A-	664	89%
B+	641	86%
B	604	81%
B-	589	79%
C+	566	76%
C	529	71%
D+	514	69%
D	454	61%
D-	375	50%
F	0	0

Additional Resources

Learning Communities

De Anza has a wide variety of specialized learning communities: First Year Experience (FYE), Umoja, PUENTE, LEAD, Impact-AAPI, Honors Program, and others!

For more information visit ~ <http://www.deanza.edu/learningcommunities/>

Tutoring

The Math, Science and Technology Resource Center is located in S43 on the De Anza Campus, (408) 864-8683. Hours of operation: Mon - Thurs 8:30 am - 6:30 pm, Fri 8:30 am - 12:30 pm. The student success center website has information for additional student support services: www.deanza.edu/studentsuccess

Disability Support Services

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) contact Disability Support Service (DSS): Student Services Building (408) 864-8753;
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
Special Education Division: (408) 864-8407; www.deanza.edu/specialed

MATH 1C.03 Tentative Schedule*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	Sep 26 Syllabus/Course Intro/Quiz #0	Sep 27 Text ~Ch. 10	Sep 28 Text ~ Ch. 10	Sep 29 Text ~ Ch. 10	Sep 30 Quiz #1
Oct 2 Hw week 1 due	Oct 3 Text ~ Ch. 10	Oct 4 Text ~ Ch. 10	Oct 5 Text ~ Ch. 10	Oct 6 Text ~ Ch. 10	Oct 7 Classwork #1
Oct 9 Hw week 2 due	Oct 10 Mini-Quiz Text ~ Ch. 11	Oct 11 Text ~ Ch. 11	Oct 12 Text ~ Ch. 11	Oct 13 Text ~ Ch. 11	Oct 14 Classwork #2
Oct 16 Hw week 3 due	Oct 17 Mini-Quiz Text ~ Ch. 11	Oct 18 Text ~ Ch. 11	Oct 19 Text ~ Ch. 11	Oct 20 Text ~ Ch. 11	Oct 21 Test #1 <i>Last day to request pass/no pass</i>
Oct 23 Hw week 4 due	Oct 24 Text ~ Ch. 11	Oct 25 Text ~ Ch. 11	Oct 26 Text ~ Ch. 11	Oct 27 Text ~Ch. 11	Oct 28 Classwork #3
Oct 30 Hw week 5 due	Oct 31 Mini-Quiz Text ~ Ch. 11	Nov 1 Text ~Ch. 11	Nov 2 Text ~ Ch. 11	Nov 3 Text ~ Ch. 11	Nov 4 Quiz #2
Nov 6 Hw week 6 due	Nov 7 Text ~Ch. 12	Nov 8 Text ~Ch. 12	Nov 9 Text ~Ch. 12	Nov 10 Classwork #4	Nov 11 Veteran's Day **NO-CLASS MTG**
Nov 13 Hw week 7 due	Nov 14 Mini-Quiz Text ~ Ch. 12	Nov 15 Text ~ Ch. 12	Nov 16 Text ~ Ch. 12	Nov 17 Text ~ Ch. 12 Quiz #3	Nov 18 <i>Last day to drop with a "W"</i> Classwork #5
Nov 20 Hw week 8 due	Nov 21 Text ~ Ch. 13	Nov 22 Text ~ Ch. 13	Nov 23 Classwork #6	Nov 24 Holiday Break **NO-CLASS MTG**	Nov 25 Holiday Break **NO-CLASS MTG**
Nov 27 Hw week 9 due	Nov 28 Mini-Quiz Text ~ Ch. 13	Nov 29 Text ~ Ch. 13	Nov 30 Text ~ Ch. 13	Dec 1 Text ~ Ch. 13	Dec 2 Test #2
Dec 4 Hw week 10 due	Dec 5 Text ~ Ch. 13	Dec 6 Text ~ Ch. 13	Dec 7 Text ~ Ch. 13	Dec 8 Text ~Ch. 13	Dec 9 Quiz #4
Dec 11 Hw week 11 due	Dec 12 Final Exam 9:15 am - 11:15 am, E36	Dec 13 **NO-CLASS MTG**	Dec 14 **NO-CLASS MTG**	Dec 15 **NO-CLASS MTG**	Dec 16 **NO-CLASS MTG**

*This schedule/syllabus may be modified at any point during the quarter to better suit the needs of the class.