

MATH 1A.05 – Calculus

Fundamentals of Differential Calculus

Erik Houser

MTWThF 9:30-10:20 am | S - 15

Contact Information

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Office Hours

M/W/Th/F 10:30-11:20 am

Prerequisites

MATH 43 (with a grade of C or better) or appropriate placement score within the past year.
Advisory: EWRT 211 and READ 211 (or LART 211), or ESL 272 and 273.

Materials

Textbook: *Calculus: Early Transcendentals 8th edition*, by Stewart.

ISBN: 978-1285741550 (physical book); Graphing/Scientific Calculator (recommended)

WebAssign Access Code required for online homework, **available for purchase at the BOOKSTORE**, or online at: www.webassign.net

WebAssign Class Key: deanza 4435 4057

Student Learning Outcomes

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

- *Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.*
- *Evaluate the behavior of graphs in the context of limits, continuity and differentiability.*
- *Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates, and numerical approximation.*

IMPORTANT DATES:

Last day to:

- drop with a full refund: Sunday, October 8
- drop with no record of grade: Sunday, October 8
- request pass/no pass grade: Friday, October 20
- drop with a "W" grade: Friday, November 17

Holidays (CAMPUS CLOSED):

- Veterans Day: Friday, November 10
- Thanksgiving Recess: Thursday – Sunday, Nov. 23 – 26

Final Exam: Tuesday, December 12, 9:15 am – 11:15 am

POLICIES:

Classroom Etiquette/Course Format

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.

Furthermore, 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.

NO EATING OR DRINKING IN THE CLASSROOM.

Attendance

Regular class attendance is expected. **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. 17 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 topic that is covered in the class. Online homework is to be completed using WebAssign (www.webassign.net, Class Key: **deanza 4435 4057**) I expect that all homework will be completed by its due date, however, there will be, at most, one extension per 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, Dec 14.

Grades

ONLINE HOMEWORK	100 POINTS TOTAL (based on % completed)
QUIZZES (3)	40 POINTS EACH
Classwork (5)	10 POINTS EACH
TESTS (3)	75 POINTS EACH
FINAL EXAM	150 POINTS
Participation	25 POINTS
TOTAL	670 POINTS

Letter Grade	Minimum # of Points Required for Grade	Minimum % of Points Required for grade
A+	670	100%
A	606	91%
A-	593	89%
B+	573	86%
B	539	81%
B-	526	79%
C+	506	76%
C	472	71%
D+	459	69%
D	405	61%
D-	332	50%
F	0	0

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.

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

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