

Course Information

MATH 1A.12 ~ Calculus: Fundamentals of Differential Calculus, Fall Qtr 2015, De Anza College

Class Meetings: M-F, 12:30 pm – 1:20 pm, E36

Instructor: Erik Houser

Email Address: housererik@fhda.edu

Office: S43-B

Office Hours: Monday through Thursday 11:30 am – 12:20 pm, or by appointment

Prerequisites:

MATH 43 (with a grade of C or better), or appropriate score on Calculus Placement Test within the past calendar year.

Advisory: English Writing 211 and Reading 211 (or Language Arts 211), or English as a Second Language 272 and 273.

Student Learning Outcomes for MATH 1A

- 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.

Materials

Textbook: *Calculus Early Transcendentals*, 7th edition, by James Stewart. ISBN: **978-0-538-49790-9**, Calculus physical textbook (**optional**). A scientific calculator (**optional**), graphing calculator (**recommended**).

Homework access code for WebAssign **is required** and can be purchased from the bookstore or from webassign.net.

****Smart phone calculators will not be allowed for tests and quizzes****

Web Assign Class Key: deanza 0476 7132

Any student that is not enrolled in WebAssign and caught up on homework by September 28, may be dropped from the course. **Any student that does not have full paid access to WebAssign by October 3 will be dropped from the course.**

Attendance Policy

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 the instructor by November 13 will receive an “**F**” grade. It is the students' responsibility to inform the instructor if she/he is going to be absent and he/she 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 proven with documentation or other evidence.

Classroom Etiquette/Course Format

The classroom is a learning environment. No cellular phones or computers should be in use during lecture. Once lecture begins, there should be no “social” conversations. I expect that each student will give their best effort to be attentive and participate in the classroom discussions. 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. There should be no derogatory/negative comments about classmates or any communications that could be perceived as ridicule, and students **should not** be asking their classmates for clarification of topics during lecture.

Every student is expected to show up to class prepared to learn. This means that students should arrive **ON TIME**, have ALL required materials, and be prepared to focus on course content for the duration of the class period. Students are expected to give their best effort in every aspect of this course and complete all problems given as examples in the classroom, and those assigned for homework. In addition, 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 classwork 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.

Homework will be assigned EVERY class day that new material is presented, and will be completed online. There will be six classwork assignments, three quizzes, two mid-term exams, a project, and a comprehensive final exam.

Grading Policy

Your grade in this course will be determined by an assessment of your performance in the following areas: Exams, Homework, Classwork, Quizzes, Project and a comprehensive Final Exam. There are 810 points possible from graded assignments/assessments for this course. Grades will be assigned as follows: 725+ = A, 717 - 724 points = A-, 685 - 716 = B+, 645 - 684 points = B, 636 - 644 = B-, 604 - 635 = C+, **566 – 603 points = C**, 523 - 565 = D+, 482 - 522 points = D, 474 - 481 = D-, 0 - 473 = F (regular rounding rules will be used).

The two students with the point totals above 770 will receive a grade of A+.

A minimum of 566 points must be earned to pass this course with a C.

Classwork (6) – 10 pts each

Homework – 150 pts

Exams (2) – 100 pts each

Quizzes (3) – 50 pts each

Project – 50 pts

Comprehensive Final Exam – 200 pts (Tuesday, December 8, 11:30 am – 1:30 pm)

Note: NO MAKE UP EXAMS OR QUIZZES; If you earn a percentage of 200 points on the final exam that is higher than any of the previous exam scores, that percentage will be used to replace the lowest exam score. The average of the two highest quizzes will replace the lowest quiz score.

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

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.

Students With Disabilities

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; TTY 408) 864-8753
Educational Diagnostic Center (EDC): Learning Center West 110; (408) 864-8839
Special Education Division: (408) 864-8407; www.deanza.edu/specialed

Important Dates

Last day to drop with no record of grade/full refund: Sunday, October 4

Veteran's Day: Monday, November 9, no class meeting

Last day to drop with a "W": Friday, November 13

Thanksgiving Break: November 26-29, no class meetings

Last class meeting: Friday, December 4

Final Exam: Tuesday, December 8, 11:30 am -1:30 pm

MATH 1A.12 Fall Quarter 2015 Tentative Schedule*

Monday	Tuesday	Wednesday	Thursday	Friday
Sep 21 Syllabus/Assessment	Sep 22 Ch. 1	Sep 23 Ch. 1	Sep 24 Ch. 1	Sep 25 CW #1
Sep 28 2.1	Sep 29 2.1, 2.2	Sep 30 2.2	Oct 1 2.3	Oct 2 Quiz #1
Oct 5 2.3	Oct 6 2.3	Oct 7 2.5	Oct 8 2.5	Oct 9 CW #2
Oct 12 2.6	Oct 13 2.6, 2.7	Oct 14 2.7	Oct 15 2.8	Oct 16 Test #1
Oct 19 2.8	Oct 20 3.1	Oct 21 3.1	Oct 22 3.2	Oct 23 CW #3
Oct 26 3.3	Oct 27 3.3, 3.4	Oct 28 3.4	Oct 29 3.4	Oct 30 Quiz #2
Nov 2 3.5	Nov 3 3.5, 3.6	Nov 4 3.6	Nov 5 3.9	Nov 6 CW #4
Nov 9 Veteran's Day **NO-CLASS MTG**	Nov 10 3.9	Nov 11 3.10	Nov 12 4.1	Nov 13 Test #2
Nov 16 4.1, 4.2	Nov 17 4.2	Nov 18 4.3	Nov 19 4.4	Nov 20 CW #5
Nov 23 4.5, 4.6	Nov 24 4.6, 4.7	Nov 25 Quiz #3	Nov 26 Thanksgiving Holiday **NO-CLASS MTG**	Nov 27 Thanksgiving Holiday **NO-CLASS MTG**
Nov 30 4.8	Dec 1 4.9	Dec 2 10.1	Dec 3 10.2	Dec 4 CW #6 **LAST CLASS MTG**
Dec 7 **NO-CLASS MTG**	Dec 8 Final Exam 11:30 am-1:30 pm, E36	Dec 9 **NO-CLASS MTG**	Dec 10 **NO-CLASS MTG**	Dec 11 **NO-CLASS MTG**

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