

DeAnza College

Calculus I - Winter 2015

MATH 1A Class number 31484 Section 01 7:30-8:20 am MTuWThF G 6

INSTRUCTOR: Misako van der Poel

OFFICE HOUR: S43 (Tutorial Center) Friday: 9:30am– 10:30am

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TEXT: Calculus: Early Transcendentals, by James Stewart, Thomson/Brooks/Cole, 7th. Ed
ISBN 9781133852490 (Package)

Textbook Options: There are several options for students to purchase their materials.
Option 1: Book with WebAssign. The bookstore has a bundle of the textbook with WebAssign.
Option 2: The EBOOK (only) with WebAssign. Students can buy an instant access code that includes the ebook with WebAssign at www.cengagebrain.com/isbn/9781285184210.

eBook url: http://www.coursesmart.com/IR/4810094/9780538497909?__hdv=6.8

MATERIAL: Use of **WebAssign is required** in this course. You will be doing your homework online using WebAssign. You must self enroll.
Got to <http://www.webassign.net>, click on “I Have a Class Key,” enter the class key:

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and follow instructions on the screen.

COURSE DESCRIPTION: This is the first course of a four-quarter calculus sequence. It covers fundamentals of differential calculus: limits, continuity, derivatives of algebraic and transcendental functions, and an introduction to antiderivatives.

STUDENT LEARNING OUTCOME: After completion of the course, students will 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.

PREREQUISITES: Mathematics 43 (with a grade of C or better), or satisfactory score on Calculus Placement Exam within the past calendar year.

HOMEWORK: Homework will be assigned weekly and late work will not be accepted. **You will turn in your homework assignments on WebAssign, www.webassign.net.** Each homework assignment (each section) is worth **5 points** and six lowest scores will be dropped. Please read “**Homework Guidelines.**”

EXAMS: There will be three exams. Each exam is worth **100 points**. The exams are closed book. You may use a 3” by 5” index card (both sides) for notes. Only work completed with **PENCIL** will be graded. There are **no dropped exams**. There are **no make-up exams**, regardless of why you missed it. If you are unable to take the exam at the scheduled time due to illness or an emergency, I will then use your percentage from the final exam minus 10% to compute your score for the missed exam. (Example: Your score on the final exam is 80%. I will take 70% of 100 to compute your exam score.) If a second exam is missed, you will get a zero.

FINAL EXAM: There will be a mandatory comprehensive two-hour final exam worth **150 points**, and this exam must be taken during the scheduled exam time on March 24 at 7:00am-9:00am. The final will cover all the material discussed during the semester. Missing the final will result in a grade of “F” for the course. You may use two 3” by 5” note card (both sides) for notes, a calculator, and pencils on the exam.

WORKSHEET / QUIZZES / PARTICIPATION: Worksheet will be collected at the end of each class and graded. **Two points** will be given for a correct answer. Some pop-quiz questions will be given as a worksheet question.

CALCULATOR: **Graphing calculator (required):** Calculators that does symbolic logic, such as TI 89, 92, or HP-49 are not allowed to use on quizzes or exams. The **TI-83, TI-83 plus, TI-84, or TI-84 plus are recommended** for the students. Students can not share calculators for quizzes or exams. The instructor can not lend her calculator.

GRADES: Your grade will be based upon the total points earned, according to the following:

Homework	100 points
Worksheet/ Quizzes/ Participation	150 points
Midterms	300 points (100 pts each)
Final Exam	150 points
Total	700 points

640 – 700 points	A
620 – 639 points	A-
600 – 619 points	B+
580 – 599 points	B
560 – 579 points	B-
540 – 559 points	C+
480 – 539 points	C
400 – 479 points	D
Below 400 points	F

The De Anza College catalog advises students to do at least 2 hours of work outside the classroom for each hour spent in class.

TUTORIAL HELP: Math Tutorial Center in S43

If you need help in the course, check Math Tutorial Center in S43 for FREE INDIVIDUAL, DROP-IN or GROUP TUTORING. Free tutoring usually available and depends on availability of tutors & funding.

Student Success Center

Meet with tutors and attend workshops in the Student Success Center:

www.deanza.edu/studentsuccess.

Can't make it to campus? Use the free online tutoring available to all De Anza students. Just login to [MyPortal](#), go to the Students tab, and find the Smarthinking link. For more information, go to

deanza.edu/studentsuccess/onlinetutoring/

STUDENT**RESPONSIBILITIES:**

1. It is your responsibility to keep up with the material even if you miss class. If you miss a class, it is your responsibility to get the notes from someone else in this class. Also, discuss the notes with others then come ask me questions about the material.
2. Students are responsible for any material covered and any announcements made in their absence.
3. It is the students' responsibility to inform the instructor if she/he is absent. Dropping or withdrawal from the class is the students' responsibility. A student who stops coming to class and does not drop will get an **F** grade. If you plan on dropping the class, it is your responsibility to use "MyPortal" online, or go to the Admissions and Records office.

ACADEMIC MISCONDUCT:

Academic dishonesty will not be tolerated. If a student is found cheating on an exam, plagiarizing on writing assignments, or violating other codes of academic integrity, he or she will receive a failing grade for the course and may be reported to the college for an appropriate action. See section on Academic integrity in your current schedule of classes catalog.

TESTING OR OTHER ACCOMODATIONS:

If you have a learning or other disability that requires accommodation, please contact either the Educational Diagnostic Center (LCW-110, 408-864-8839) or Disability Student Services (SCS-141, 408-864-8753) to arrange for in-class and/or testing accommodations.

CLASSROOM CONDUCT

Attendance:

Your attendance is vital to your success in this class.

1. During the first two weeks of the quarter, I will drop students for lack of attendance, to give room to students on the waitlist. So if you have to miss a class during the first two weeks, it is crucial that you contact me.
2. Any student with a total of five absentees in the quarter may be dropped from the course. Note that two instances tardiness results in one absentee and also any instance of leaving class early will be treated as a tardy.
3. A person is tardy to class if he/she is not in his/her chair when the class starts at 7:30 AM. Plan to attend class regularly, arrive on time, and stay for the whole class.

Electronic Devices - cell phones, laptops, iPads, iPods, etc.:

1. All listening devices and all cell phones must be turned off and must not remain on a student's desk during class.
2. No electronics devices, such as laptops or iPads are not allowed to use during class.
3. No texting on your cell phone is allowed during class.

Classroom Etiquette:

1. No eating or chewing in class.
2. No talking except to ask questions of the instructor or answer questions posed by the instructor. Even one side conversation can carry throughout the room and distract other students.
3. Students who are disruptive will be removed from the course.

Consequences for Disruptive Behavior:

First incident (not severe) – discussion and verbal warning

Second incident –

- a) Dismissed for the remainder of the class and possibly the next class period.
- b) A disruptive behavior report will be written and sent to the Dean of Student Services
- c) Division Dean will be informed
- d) A meeting during office hours will be required to write up an agreement on future behavior in class.

Third incident –

- a) Dropped from the class.
- b) Disruptive Behavior Report will be written and sent to the Dean of Student Services.
- c) Division Dean will also be informed.

IMPORTANT DAY TO REMEMBER

Saturday, Jan 17	Last day to add quarter-length classes
Sunday, Jan 18	Last day to drop for a full refund or credit .
Monday, Jan 19	Last day to drop a class with no record of grade.
Friday, Feb 27	Last day to drop with a "W"

Winter 2015**Math 1A****Course Schedule**

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Jan	5 First Day of Instruction Syllabus	6 Review for Precalculus	7 2.1	8 2.2	9 2.2
Jan	12 2.3	13 2.3	14 2.4	15 2.4	16 2.5
Jan	19 M L K Holiday No Class	20 2.5	21 2.6	22 2.6	23 2.7
Jan	26 2.7	27 2.8	28 2.8	29 Review	30 Exam 1 (Ch 2)
Feb	2 3.1	3 3.1 – 3.2	4 3.2	5 3.3	6 3.3 – 3.4
Feb	9 3.4	10 3.5	11 3.5 – 3.6	12 3.6	13 Lincoln's B-Day Holiday No Class
Feb	16 Washington's B-day Holiday No Class	17 3.9	18 3.9	19 3.9– 3.10	20 3.10
Feb / March	23 Review	24 Exam 2 (Ch 3)	25 4.1	26 4.1– 4.2	27 4.3
March	2 4.3	3 4.4	4 4.4	5 4.5	6 4.5
March	9 4.7	10 4.7	11 4.8	12 4.9	13 4.9
March	16 Review	17 Exam 3 (Ch 4)	18 10.1	19 10.2	20 Review for Final Exam
March	23 Review for Final Exam	24 Final Exam 7:00am-9:00am	25	26	27