

# MATH 1B.01 – Calculus

Fundamentals of Integral Calculus

**Erik Houser**

**MTWThF 9:30-10:20 am | MCC - 12**

## Contact Information

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**Office Hours**

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

## Prerequisites

MATH 1A or MATH 1AH (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 8<sup>th</sup> 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](http://www.webassign.net)

**WebAssign Class Key: deanza 3906 2773**

## Student Learning Outcomes

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

- *Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.*
- *Formulate and use the Fundamental Theorem of Calculus.*
- *Apply the definite integral in solving problems in analytical geometry and the sciences.*

## IMPORTANT DATES:

Last day to:

- drop with a full refund: Sunday, April 23
- drop with no record of grade: Sunday, April 23
- request pass/no pass grade: Friday, May 5
- drop with a "W" grade: Friday, June 2

Holidays (CAMPUS CLOSED):

- Memorial Day Weekend: Saturday – Monday, May 27 – 29

Final Exam: Tuesday, June 27, 9:15 am – 11:15 am

## 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. **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 June 2 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](http://www.webassign.net), Class Key: **deanza 3906 2773**) 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, June 29.

## 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
<b>TOTAL</b>	<b>645 POINTS</b>

**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.

**\*\*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+	645	100%
A	584	91%
A-	571	89%
B+	552	86%
B	519	81%
B-	506	79%
C+	487	76%
C	455	71%
D+	442	69%
D	391	61%
D-	319	50%
F	0	0

## Additional Resources

### 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](http://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](http://www.deanza.edu/specialed)

### 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/>

## MATH 1B.01 Tentative Schedule\*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
	Apr 10 Syllabus/Course Intro	Apr 11 Text ~Ch. 3	Apr 12 Text ~ Ch. 3	Apr 13 Text ~ Ch. 5	Apr 14 Classwork #1
Apr 16 Hw week 1 due	Apr 17 Text ~ Ch. 5	Apr 18 Text ~ Ch. 5	Apr 19 Text ~ Ch. 5	Apr 20 Text ~ Ch. 5	Apr 21 Quiz #1
Apr 23 Hw week 2 due	Apr 24 Text ~ Ch. 5	Apr 25 Text ~ Ch. 5	Apr 26 Text ~ Ch. 5	Apr 27 Text ~ Ch. 6	Apr 28 Classwork #2
Apr 30 Hw week 3 due	May 1 Text ~ Ch. 6	May 2 Text ~ Ch. 6	May 3 Text ~ Ch. 6	May 4 Text ~ Ch. 6	May 5 Test #1 <i>Last day to request pass/no pass</i>
May 7 Hw week 4 due	May 8 Text ~ Ch. 6	May 9 Text ~ Ch. 6	May 10 Text ~ Ch. 6	May 11 Text ~Ch. 7	May 12 Classwork #3
May 14 Hw week 5 due	May 15 Text ~ Ch. 7	May 16 Text ~Ch. 7	May 17 Text ~ Ch. 7	May 18 Text ~ Ch. 7	May 19 Quiz #2
May 21 Hw week 6 due	May 22 Text ~Ch. 7	May 23 Text ~Ch. 7	May 24 Text ~ Ch. 7	May 25 Text ~ Ch. 7	May 26 Classwork #4
May 28 Hw week 7 due	May 29 Memorial Day No Classes	May 30 Text ~ Ch. 7	May 31 Text ~ Ch. 8	Jun 1 Text ~ Ch. 8	Jun 2 <i>Last day to drop with a "W"</i> Test #2
Jun 4 Hw week 8 due	Jun 5 Text ~ Ch. 8	Jun 6 Text ~ Ch. 8	Jun 7 Text ~ Ch. 8	Jun 8 Text ~ Ch. 8	Jun 9 Quiz #3
Jun 11 Hw week 9 due	Jun 12 Text ~ Ch. 9	Jun 13 Text ~ Ch. 9	Jun 14 Text ~ Ch. 9	Jun 15 Text ~ Ch. 9	Jun 16 Test #3
Jun 18 Hw week 10 due	Jun 19 Text ~ Ch. 9	Jun 20 Text ~ Ch. 9	Jun 21 Text ~ Ch. 9	Jun 22 Text ~Ch. 9	Jun 23 Classwork #5
Jun 25 Hw week 11 due	Jun 26 <b>**NO-CLASS MTG**</b>	Jun 27 <b>Final Exam</b> 9:15 am - 11:15 am, MCC-12	Jun 28 <b>**NO-CLASS MTG**</b>	Jun 29 <b>**NO-CLASS MTG**</b>	Jun 30 <b>**NO-CLASS MTG**</b>

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