

Course Information

MATH 1B.05 ~ Calculus: Fundamentals of Integral Calculus, Winter Qtr 2016, De Anza College

Class Meetings: M – F, 9:30 am – 10:20 am, E-36

Instructor: Erik Houser, housererik@fhda.edu

Office: S-43B, (408) 864-8319

Office Hours: M – Th 11:30 am – 12:20 pm, or by appt.

Prerequisites

MATH 1A with a grade of C or better, or appropriate placement score

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 1B

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.

Materials

Textbook: *Calculus Early Transcendentals, 7th edition*, by James Stewart. ISBN: **978-0-538-49790-9**(recommended), Scientific Calculator or Graphing Calculator (recommended), WebAssign Access Code (required for completing homework), www.webassign.net

WebAssign Class Key: deanza 0728 9909

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 February 26 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 proven with documentation/other evidence**.**

Classroom Etiquette/Course Format

The classroom is a learning environment. No cellular phones or computers should be in use during lecture, unless arrangements have been made prior to the start of class. 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, including the completion of 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 Policy

Homework will be assigned for each day that new material is covered in the class. Homework is to be completed online using WebAssign (www.webassign.net, Class Key: **deanza 0728 9909**) Homework assigned online will be due the Sunday of the week in which it was assigned, unless otherwise indicated on the class schedule. There will be, at most, one extension of any specific homework assignment with 15% deduction from any unfinished problems. Extensions will not extend beyond 7 calendar days following the date a homework assignment was due. The last day to complete homework will be Monday, March 21.

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

Important Dates

Last day to drop for a full refund: Sunday, January 17

Last day to drop with no record of grade: Monday, January 18

Observance of Martin Luther King's Birthday: Monday, January 18 (no classes)

Last day to request Pass/No Pass grade: Friday, January 29

Lincoln's Birthday: Friday, February 12 (no classes); Presidents' Day Weekend: Sat/Sun, February 13/14 (no classes);

Washington's Birthday: Monday, February 15 (no classes)

Last day to drop with a "W": Friday, February 26

Last class meeting: Friday, March 18; Final Exam: Tuesday, March 22, 9:15 am – 11:15 am

Grading Policy

The grade in this course will be determined by the number of points you earn from each of the following categories: Classwork Assignments, Homework, Quizzes, Tests, Project, and Comprehensive Final Exam.

HOMEWORK (WEEKLY)	100 POINTS TOTAL
CLASSWORK(5)	10 POINTS EACH
QUIZZES(4)	50 POINTS EACH
TESTS (2)	100 POINTS EACH
PROJECT (1)	50 POINTS
FINAL EXAM	150 POINTS
TOTAL POINTS	750 POINTS

Letter Grade	Min. Points Required	Percentage of Total Points
A+	750	≥ 100%
A	682	91%
A-	667	89%
B+	645	86%
B	607	81%
B-	592	79%
C+	570	76%
C	532	71%
D+	517	69%
D	457	61%
D-	442	59%
F	0	< 59%

Note: NO MAKE UP EXAMS OR QUIZZES; If you earn a percentage of 150 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****

MATH 1B.05 Winter Quarter 2016 Tentative Schedule*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
Jan 3	Jan 4 Syllabus/Assessment	Jan 5 Text ~3.11	Jan 6 Text ~3.11	Jan 7 Text ~ 5.1	Jan 8 Quiz #1
Jan 10 HW week 1 due	Jan 11 Text ~ 5.1	Jan 12 Text ~ 5.1, 5.2	Jan 13 Text ~ 5.2	Jan 14 Text ~ 5.3	Jan 15 CW #1
Jan 17 HW week 2 due	Jan 18 MLK B-Day <i>Last day to drop with no record of grade</i> **No Class MTG**	Jan 19 Text ~ 5.3	Jan 20 Text ~ 5.4	Jan 21 Text ~ 5.4, 5.5	Jan 22 Test #1
Jan 24 HW week 3 due	Jan 25 Text ~ 6.1	Jan 26 Text ~ 6.1,6.2	Jan 27 Text ~ 6.2	Jan 28 Text ~ 6.3	Jan 29 <i>Last day to request pass/no pass</i> CW #2
Jan 31 HW week 4 due	Feb 1 Text ~ 6.3,6.4	Feb 2 Text ~ 6.4	Feb 3 Text ~ 6.5	Feb 4 Text ~7.1	Feb 5 Quiz #2
Feb 7 HW week 5 due	Feb 8 Text ~ 7.2	Feb 9 Text ~7.2, 7.3	Feb 10 Text ~ 7.3	Feb 11 CW #3	Feb 12 Lincoln's B-Day **No Class MTG**
Feb 14	Feb 15 Washington B-Day **No Class MTG**	Feb 16 HW week 6 due Text ~7.4	Feb 17 Text ~7.4,7.5	Feb 18 Text ~7.5,7.6	Feb 19 Test #2
Feb 21 HW week 7 due	Feb 22 Text ~7.7	Feb 23 Text ~ 7.8	Feb 24 Text ~ 7.8	Feb 25 Text ~ 8.1	Feb 26 <i>Last day to drop with a "W"</i> CW #4
Feb 28 HW week 8 due	Feb 29 <u>Project Distributed</u> Text ~8.2	Mar 1 Text ~ 8.3	Mar 2 Text ~ 8.4	Mar 3 Text ~8.5	Mar 4 Quiz #3
Mar 6 HW week 9 due	Mar 7 Text ~ 9.1	Mar 8 Text ~ 9.1,9.2	Mar 9 Text ~ 9.2	Mar 10 Text ~9.3	Mar 11 Quiz #4 (no review assign.)
Mar 13 HW week 10 due	Mar 14 <u>Project Due</u> Text ~ 9.4	Mar 15 Text ~9.4	Mar 16 Text ~ 10.2	Mar 17 Text ~App. G	Mar 18 <u>Evaluated projects turned in</u> CW #5
Mar 20	Mar 21 HW week 11 due **NO-CLASS MTG**	Mar 22 Final Exam 9:15 am-11:15 am, E36	Mar 23 **NO-CLASS MTG**	Mar 24 **NO-CLASS MTG**	Mar 25 **NO-CLASS MTG**

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