

**Course:** [Winter 2026] Math D001B.16Y

**CRN:** 39774

**College:** De Anza College, PSME Division, Mathematics Department

**Course Details:** Asynchronous **and** In-person on **Saturday** from **12:00 to 2:50 PM** at Room **G6**

**Course Description:** CALCULUS II

**Instructor:** Phuong Phan

**Contact:** [phanphuongg@fhda.edu](mailto:phanphuongg@fhda.edu) or Canvas Inbox (Preferred)

**Office Hours:** By appointment via Zoom

**Prerequisite(s):** MATH 1A or MATH 1AH (with a grade of C or better)

**Required Material:**

- **Textbook:** Stewart's Calculus: Early Transcendentals 9<sup>th</sup> edition (ISBN-13: 978-1337613927) (or older version)
- **Calculator:** A Ti-83 or Ti-84 graphing calculator is required for this class.
- **Canvas:** Class announcement will be posted (course available from 01/05/25 to 03/27/25)
- **Edfinity:** Online Homework (Check the Canvas for the registration link)

**Online Homework** [Cost around \$40]: Homework will be assigned for every section and will be due on the assigned date at **11:59pm** on **Edfinity**. Please check regularly so you don't miss the due date.

**Late Assignment Policy:** If you are unable to complete an assignment on time, you may request a 1-week extension from the original due date through **Edfinity**. Please make the request any time after the original due date, you will earn 90% of the points earned after the original due date.

**Exams:** Two exams will be held during the quarter. No make-up exams will be given. If you are unable to take the exam at the scheduled time under any circumstances, then your percentage from the final exam will be used to compute your score for the missed exam. If a second exam is missed, you will get a zero.

**Final Exam:** A two-hour comprehensive final exam will be held on **Saturday, March 21, 2025**, from **12:00 PM to 2:00 PM**. This is a must exam. A grade of "F" will be assigned to those who miss the final exam.

**Make-up:** No make-up will be given. If you are unable to take the exam at the scheduled time under any circumstance, then your percentage from the final exam will be used to compute your score for the missed exam. If a second exam is missed, you will get a zero.

**Scaling/Curving:** The scores you make in tests and the final mathematically decide your grade. No scaling/curving will be done.

**Attendance:** You are expected to attend all class sessions. If you choose to drop the course, you must do so yourself. The instructor will not automatically drop students who stop attending.

**Cheating:** Cheating is strictly prohibited. During exams, students may not talk, assist others, copy, or view another students' work. Violations will result in an "F" on the exam and may lead to an "F" for the course.

**Drop Policy:** It is the student's responsibility to drop the class after he/she attends the first session.

**Grading Information:** The grade is created with the following weights

Type	Weight (%)
Edfinity and in-class assignments	25%
Exam 1	25%
Exam 2	25%
Final Exam	25%

**Grading Breakdown:** Your letter grade will be determined from your percentage grade according to the following table

Letter Grade	Range
A+	100% to 97%
A	< 97% to 90%
A-	< 90% to 87%
B+	< 87% to 85%
B	< 85% to 80%
B-	< 80% to 77%
C+	< 77% to 73%
C	< 73% to 65%
D+	< 65% to 63%
D	< 63% to 60%
D-	< 60% to 55%
F	< 55% to 0%

**Important Date and Deadlines:** <https://www.deanza.edu/calendar/dates-and-deadlines.html>

**De Anza Final Exams schedule:** <https://www.deanza.edu/calendar/dates-and-deadlines.html>

Section	Course Content
5.1	Areas and Distances
5.2	The Definite Integral
5.3	The Fundamental Theorem of Calculus
5.4	Indefinite Integrals and the Net Change Theorem
5.5	The Substitution Rule
6.1	Areas Between Curves
6.2	Volumes
6.3	Volume by Cylindrical Shells
6.4	Work
7.1	Integration by Parts
7.2	Trigonometric Integrals
7.3	Trigonometric Substitution
7.4	Integration of Rational Functions by Partial Fractions
7.5	Strategy for Integration
7.7	Approximate Integration
7.8	Improper Integrals
8.1	Arc Length
8.2	Area of a Surface of Revolution
8.3	Applications to Physics and Engineering
9.1	Modeling with Differential Equations
9.3	Separable Equation

## Tentative Schedule

I highly recommend reviewing the assigned sections during the week before our Saturday class meetings. Because we meet only once a week, Saturday sessions will move at a fast pace. We will do in-class assignments and/or practice problems most of the time on Saturday.

WEEK	MONDAY (Read)	TUESDAY (Read)	WEDNESDAY (Read)	THURSDAY (Read)	FRIDAY (Read)	SATURDAY (Class Meeting)
1	01/05 Syllabus and 5.1	01/06 5.2	01/07 6.5	01/08 5.3	01/09	01/10 5.1 to 5.3 and 6.5
2	01/12 5.4	01/13 5.5	01/14 6.1	01/15 6.2	01/16	01/17 5.4, 5.5, 6.1, 6.2
3	01/19 No Class	01/20 6.3	01/21 8.1	01/22 8.2	01/23	01/24 6.3, 8.1 and 8.2
4	01/26 Review Exam #1	01/27	01/28	01/29	01/30	01/31 Exam #1
5	02/02 6.4	02/03 8.3	02/04 7.1	02/05 7.2	02/06	02/07 6.4, 8.3, 7.1, 7.2
6	02/09 7.3	02/10 7.4	02/11 7.5	02/12	02/13	02/14 7.3, 7.4, 7.5
7	02/16 No Class	02/17 7.7	02/18 7.8	02/19	02/20	02/21 7.7 and 7.8
8	02/23 Review Exam #2	02/24	02/25	02/26	02/27	02/28 Exam #2
9	03/02 9.1	03/03 9.3	03/04	03/05	03/06	03/07 9.1 and 9.3
10	03/09 Final Exam Review	03/10	03/11	03/12	03/13	03/14 Final Exam Review
11	03/16	03/17	03/18	03/19	03/20	03/21 Final Exam
12	03/23	03/24	03/25	03/26	03/27	03/28

## Edfinity Due Date

Section	Due at midnight
5.1 to 5.5 6.1 to 6.3, 6.5 8.1 and 8.2	Thursday 01/29 at 11:59 pm
6.4 and 8.3 7.1 to 7.8	Thursday 02/26 at 11:59 pm
9.1 and 9.3	Thursday 03/12 at 11:59 pm
All late homework with 10% penalty	Thursday 03/19 at 11:59 pm

**Student Learning Outcome(s):**

- 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.

**Office Hours:**

Zoom,By Appointment,Email,Canvas      T,TH 3:00 PM - 4:00 PM