



Math 1B.19 – Calculus II
Meets: TTh, 1:30 PM to 3:45 PM
Room: S57

Winter 2025

Instructor: Lilit Mazmanyman	
Contact: mazmanymanlilit@fhda.edu	Office hours: Tuesday, 12:15 – 1:15 PM Room: Baldwin Winery

This class meets **on-campus** each week on scheduled days and times. Outside of class times, we will communicate during our office hours or via Canvas Inbox, discussion board, or via emails. You can access our course on Canvas via MyPortal as you are enrolled in the course or using direct link [Dashboard \(instructure.com\)](#) with your MyPortal login credentials. Check periodically Canvas announcements. Information about Canvas can be found on the Student Resources page: [Student Resources \(instructure.com\)](#).

Course Description

This course examines the fundamentals of integral calculus.

Course Objectives

- Analyze and explore aspects of the integral calculus.
- Analyze and evaluate the definite integral as a limit of a Riemann sum and examine its properties
- Examine the Fundamental Theorem of Calculus
- Find definite, indefinite, and improper integrals using various techniques
- Apply the definite integral to applications
- Examine differential equations

Requisites

Prerequisite: MATH 1A or 1AH.

Advisory: ESL 272 and ESL 273, or ESL 472 and ESL 473, or eligibility for EWRT 1A or EWRT 1AH or ESL 5

Textbook

James Stewart, Daniel Clegg & Saleem Watson "Calculus: Early Transcendentals", bundled with WebAssign Access Code, 9th Edition, Cengage 2021.

You can choose to buy only the **WebAssign Access Code** and have access to the **e-book** and online assignments.

Homework and tests must be completed online using WebAssign software.

You need a Class Key and Access Code for WebAssign.

- **CLASS KEY** to register on WebAssign **WILL BE SENT TO YOU BY EMAIL**.
You must self-register at <http://www.webassign.net> to use the WebAssign.
- **ACCESS CODE** can be purchased online after signing in WebAssign or through De Anza College bookstore.
- WebAssign is FREE for the first two (2) weeks of the quarter only.

Follow the link for additional information on [Cengage/WebAssign](#).

Calculators

- A TI-83 PLUS, TI-84 or TI-84 PLUS graphing calculator is recommended for this course or the equivalent one.
- You can use online calculator via website as DESMOS (<https://www.desmos.com>) or GeoGebra (<https://www.geogebra.org>) for the homework and group activities.

Weekly course lectures and assignments, and other resources, grades and announcements will be published on our Canvas course (<https://deanza.instructure.com>).

Homework (HW)	<ul style="list-style-type: none"> • Homework must be completed online through WebAssign. • Most homework assignments are due on Sunday. There will be some homework due on scheduled weekday. Follow the Canvas and WebAssign for deadlines. • After the due date/time, HW cannot be submitted for credit. • Answer key is available online after the deadline. • You are allowed to request three homework extensions for the quarter. The answer key must not be followed if you choose to request an extension. • The lowest homework score will be dropped. • You can ask your HW questions during our office hours or anytime through “ask my teacher” on WebAssign or through Canvas Inbox.
Group Work (GW)	<ul style="list-style-type: none"> • GW will be assigned randomly during our course time. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed in class. • Due date will be announced. • Group Work is graded based on group discussions, simulation analysis and problem solving. • It is your responsibility to join group discussions not to miss any point.
Quizzes (Q)	<ul style="list-style-type: none"> • Quiz is closed book. • There are five quizzes based on classwork and homework problems. • One page of notes, HANDWRITTEN, (one side 8.5 x 11-inch) is allowed. • NO MAKE-UP QUIZZES are given. • Missed quiz is graded as a zero (0). • The lowest quiz score will be dropped.
Exams & Final Exam (EX,FE)	<p>There will be four (4) examinations.</p> <ul style="list-style-type: none"> • EX 1, 2 & 3 are one hour each and Final exam is two (2) hours. • EX 1, 2 & 3 and the FE dates are on the course schedule. • Exams are closed book. • One (1) sheet of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, is allowed for the Exams 1, 2 & 3. • Two (2) sheets of notes (double-sided 8.5 x 11-inch), HANDWRITTEN, are allowed for the Final Exam. • Bring graphing calculator, spare batteries, pencils, ruler, sharpener, and eraser. • There are NO MAKE-UP examinations. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course. <p>Check the announcements and follow the course schedule on Canvas and WebAssign.</p>

Grading	Students will be graded on homework (HW), group works (GW), quizzes (Q), and exams (EX1, 2 & 3, FE).					
	Distribution of weights for each category					
	Category		% Weight on Final Grade			
	Homework		10 %			
	Group Work		10 %			
Quiz		15 %				
Exam 1		15 %				
Exam 2		15 %				
Exam 3		15 %				
Final Exam		20 %				
Grading Scale						
		A	94-100	A-	90-93	
B+	87-89	B	83-86	B-	80-82	
C+	77-79	C	70-76	D	60-69	
				F	<60	
Extra Credit						
During the course you will have opportunities for extra credits. There will be extra problems included in the coursework.						

Important Dates and Deadlines

[Academic Calendar \(deanza.edu\)](http://deanza.edu)

Monday	January 6	First day of Winter Quarter 2025
Friday	January 19	Last day to drop classes without a "W"
Saturday	January 19	Last day to add classes
Monday	January 20	Martin Luther King Jr. Holiday - no classes
Friday-Monday	February 14-17	Presidents' Holiday - no classes
Friday	February 28	Last day to drop classes with a "W"
Tuesday	March 25	Final examination

Online Education Center

- [Student Resources \(deanza.edu\)](http://deanza.edu): The Online Education Center is committed to providing students with the support they need to successfully access and use Canvas, our course management system.
- [Online Learning Student Resource Hub \(deanza.edu\)](http://deanza.edu): The Hub will provide resources for students who are learning online at De Anza.
- [Staying Organized](#): This webpage has advice for planning and staying on top of your online coursework.
- [Canvas Help](#): Need technical support with Canvas? This page has information on how to get help.

Student services and support

<https://www.deanza.edu/online-spring/#Services>

- Tutoring and Library Help
- Computers and Tech Products
- Internet Access
- Food and Financial Assistance
- Health and Psychological Services
- Health and Psychological Services

Attendance, Drops or Withdrawals

- Regular online attendance is essential for success in the course.
- You must not miss a class in the first week of the quarter or you will be dropped.
- It is the student's responsibility to drop or withdraw from this course by the college deadlines.

Academic Honesty and Discipline Policy:

Students are expected to abide by the DeAnza College Code of Conduct and not participate in academic dishonesty.

https://www.deanza.edu/policies/academic_integrity.html

Student Success Center

<http://deanza.edu/studentsuccess/mstrc/>

Hours of online Zoom Tutoring Center are Monday to Thursday 9:00-6:00 PM and Friday 9:00 AM-12:30 PM.

The SSC provides free tutoring services such as individual, drop-in, groups, in-class and workshops.

Disability Support Services

<https://www.deanza.edu/dsps/dss/>

Students with disabilities who qualify for academic accommodation must provide a notification from the Disability Support Services (DSS) and discuss their specific needs with the instructor at the beginning of the quarter.

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) please contact Disability Support Services (DSS).

Phone number: (408) 460-7681

Email: dss@deanza.edu

Tentative Schedule

	Tuesday	Thursday
Week 1	January 7 Syllabus/Section 5.1	January 9 Section 5.2
Week 2	January 14 Sections 5.3 & 5.4	January 16 Section 5.5 Quiz 1
Week 3	January 21 Section 6.1	January 23 Section 6.2 Quiz 2
Week 4	January 28 Section 6.3	January 30 Section 6.4 Exam 1 (one hour)
Week 5	February 4 Sections 6.5 & 7.1	February 6 Section 7.2
Week 6	February 11 Sections 7.3 & 7.4	February 13 Section 7.5 Quiz 3
Week 7	February 18 Section 7.6	February 20 Section 7.7 Exam 2 (one hour)
Week 8	February 25 Sections 7.8 & 8.1	February 27 Section 8.2 Quiz 4
Week 9	March 4 Sections 8.3 & 8.4	March 6 Sections 8.5 & 9.1 Quiz 5
Week 10	March 11 Section 9.2	March 13 Section 9.3 Exam 3 (one hour)
Week 11	March 18 Section 9.4	March 20 Section 10.2 & Review
Week 12	March 25 Final Exam (two hours): Chapters 5, 6, 7, 8, 9 & 10 (covered sections) 1:45-3:45 PM	

- Any change in schedule is announced during class. Students are responsible for keeping track of schedule changes.
- Final Exam date/time is the college mandated official final exam date/time.
- The **due dates for HW** assignments can be found on WebAssign.
- **Group Work** is assigned randomly during class time and the due dates will be announced.
- Course materials (syllabus, lecture presentations, quiz/exam answer keys and additional resources) are uploaded onto *Canvas*. It is accessible to you via MyPortal as you are enrolled in the course. You can also access into Canvas using direct link (<https://deanza.instructure.com>) with your MyPortal login credentials.

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:

TH	10:00 AM	12:00 PM	Zoom	
T	12:15 PM	01:15 PM	In-Person	Baldwin Winery
TH	10:00 AM	12:00 PM	Zoom	