



Math 1B.23 – Calculus
Meets: TTh, 1:30 PM to 3:45 PM
Room: MLC270

Spring 2023

Instructor: Lilit Mazmanyman	
Contact: mazmanymanlilit@fhda.edu	Office hours: Friday, 5:00 – 6:00 PM, online via Zoom (check Canvas course for instructions)

This class meets **on-campus** each week on scheduled days and times. Instructions to access Zoom for office hours can be found on our Canvas course, which is accessible to you via **MyPortal** as you are enrolled in the course. You can also access Canvas using direct link (<https://deanza.instructure.com>) with your MyPortal login credentials.

Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: <https://deanza.instructure.com/courses/3382>.

Course Description

This course examines the fundamentals of integral calculus.

Requisites

Prerequisite: MATH 1A or 1AH.

Advisory: EWRT 211 and READ 211, or ESL 272 and 273.

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.
- If you do not have graphing calculator you can use online graphing calculator via website as <https://www.desmos.com>

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. • Each homework is due Sunday. • After the due date/time, HW cannot be submitted for credit. • Answer key is available online after the deadline. • 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 the class times. • There are about three to four group works. • GW must be completed in groups of at least two and no more than four. • Topics and details will be discussed in class. • Work with details must be uploaded on Canvas as one document. • Due date will be announced in class.
Quizzes (Q)	<ul style="list-style-type: none"> • Quiz is closed book. It is based on classwork and homework. • 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 unless it is due to Covid. • 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 unless it is due to Covid. • An absence from any examination earns a grade of zero (0). • You MUST take the final exam to pass the course.

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		5 %			
Group Work		5 %				
Quiz		10 %				
Exam 1		20 %				
Exam 2		20 %				
Exam 3		20 %				
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

<https://www.deanza.edu/calendar/>

Monday	April 10	First day of Spring Quarter 2023
Saturday	April 22	Last day to add classes
Sunday	April 23	Last day to drop classes without a W
Saturday-Monday	May 27-29	Memorial Day Weekend - no classes, offices closed
Friday	June 2	Last day to drop classes with a W
Monday	June 19	Juneteenth Holiday - no classes, offices closed
Tuesday	June 27	Final examination

Online Education Center

- [Student Resource Hub](#): Visit this site for tips, guides and answers to your questions about using Canvas, Zoom and other online learning tools that your classes may be adopting.
- [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.
- [More Student Resources](#): Visit this page for more links and tips.

California Virtual Campus

- [Get Ready for Online Learning](#): This website has videos about getting "tech ready," managing your time, communicating with instructors and more.

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

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.

For individual tutoring, fill out a weekly individual application:

http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html

For group tutoring, contact to Helen at nguyenhelen@deanza.edu.

Disability Support Services

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

Students with disabilities who qualify for academic accommodations 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	April 11 Syllabus/Section 5.1	April 13 Section 5.2
Week 2	April 18 Sections 5.3 & 5.4	April 20 Section 5.5 Quiz 1
Week 3	April 25 Section 6.1	April 27 Section 6.2 Quiz 2
Week 4	May 2 Section 6.3	May 4 Section 6.4 Exam 1 (one hour): Sections 5.1-5.5, 6.1-6.3
Week 5	May 9 Sections 6.5 & 7.1	May 11 Section 7.2
Week 6	May 16 Sections 7.3 & 7.4	May 18 Section 7.5 Quiz 3
Week 7	May 23 Section 7.6	May 25 Section 7.7 Exam 2 (one hour): Sections 6.4-6.5, 7.1-7.6
Week 8	May 30 Sections 7.8 & 8.1	June 1 Section 8.2 Quiz 4
Week 9	June 6 Sections 8.3 & 8.4	June 8 Sections 8.5 & 9.1 Quiz 5
Week 10	June 13 Section 9.2	June 15 Section 9.3 Exam 3 (one hour): Sections 7.7-7.8, 8.1-8.5, 9.1-9.2
Week 11	June 20 Section 9.4	June 22 Section 10.2 & Review
Week 12	June 27 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:

F 04:00 PM 05:00 PM Zoom