



## Math 1D.62Z – Calculus Online class

Summer 2024

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This is an online class and instructional method is fully **asynchronous**. You can study the assigned course materials and complete the assignments via Canvas course management system at your own pace by meeting weekly deadlines. You can access Canvas via MyPortal as you are enrolled in the course or using direct link [Dashboard \(instructure.com\)](#) with your MyPortal login credentials. We will communicate via Canvas Inbox, discussion board, Zoom office hours, and emails. Check periodically Canvas announcements. Instructions to access Zoom for office hours can be found on our Canvas course.

Information about Canvas and Online Education Orientation can be found in Canvas on the Student Resources page: [Student Resources \(instructure.com\)](#). The Student Online Resources hub with extensive information and tips can be found at [Online Learning Resource Hub for Students \(deanza.edu\)](#).

### Course Description

Topics in this course include partial derivatives, multiple integrals, vector calculus, and their applications.

### Requisites

**Prerequisite:** MATH 1C or 1CH (with a grade of C or better) or equivalent.

**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 required for this course or the equivalent one.
- For group work and homework you can use online graphing calculator via website as DESMOS (<https://www.desmos.com>) or GeoGebra (<https://www.geogebra.org>).

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

<b>Homework (HW)</b>	<ul style="list-style-type: none"> <li>• Homework must be completed online through WebAssign.</li> <li>• Each homework is due Sunday.</li> <li>• After the due date/time, HW cannot be submitted for credit.</li> <li>• Answer key is available online after the deadline.</li> <li>• The lowest homework score will be dropped.</li> <li>• You can ask your HW questions anytime through “ask my teacher” on WebAssign or through Canvas Inbox.</li> </ul>
<b>Group Work (GW)</b>	<ul style="list-style-type: none"> <li>• GW will be assigned on scheduled week due Sunday.</li> <li>• There are three group works.</li> <li>• GW must be completed in groups of at least two and no more than four.</li> <li>• Topics and details will be announced on Canvas.</li> </ul>
<b>Quizzes (Q)</b>	<ul style="list-style-type: none"> <li>• Quiz must be completed online through WebAssign.</li> <li>• There are four timed quizzes, which must be completed on the scheduled day.</li> <li>• NO MAKE-UP QUIZZES are given.</li> <li>• Missed quiz is graded as a zero (0).</li> <li>• The lowest quiz score will be dropped.</li> </ul>
<b>Exams &amp; Final Exam (EX,FE)</b>	<p>There will be four (4) examinations through WebAssign.</p> <ul style="list-style-type: none"> <li>• EX 1, 2 &amp; 3 are one hour each and Final exam is two (2) hours.</li> <li>• EX 1, 2 &amp; 3 and the FE dates are on the course schedule. They are assigned on scheduled Thursday.</li> <li>• It is required to submit your handwritten work details of exam on Canvas. You will have an additional 15 minutes to scan or take a picture of your work and upload on Canvas.</li> <li>• Possible partial credits are available based on your work details submitted on time.</li> <li>• It is recommended to have ready one or two sheets of notes.</li> <li>• There are NO MAKE-UP examinations.</li> <li>• An absence from any examination earns a grade of zero (0).</li> <li>• You MUST take the final exam to pass the course.</li> </ul> <p>Check the announcements and follow the course schedule on Canvas and WebAssign.</p>

<b>Grading</b>	Students will be graded on homework (HW), group works (GW), quizzes (Q), and exams (EX1, 2 & 3, FE).					
	<b>Distribution of weights for each category</b>					
	Category		% Weight on Final Grade			
	Homework		10 %			
Group Work		10 %				
Quiz		15 %				
Exam 1		15 %				
Exam 2		15 %				
Exam 3		15 %				
Final Exam		20 %				
<b>Grading Scale</b>						
		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	
<b>Extra Credit</b>						
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/>

<b>Monday</b>	<b>July 1</b>	First day of Summer Quarter 2024
<b>Thursday</b>	<b>July 4</b>	Independence Day holiday, no class
<b>Monday</b>	<b>July 8</b>	Last Day for Drops w/ Refund
<b>Monday</b>	<b>July 8</b>	Last Day for Drops w/o W
<b>Monday</b>	<b>July 8</b>	Last Day for Adds
<b>Wednesday</b>	<b>July 31</b>	Last Day for Drops
<b>Thursday</b>	<b>August 9</b>	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](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](http://deanza.fhda.edu/studentsuccess/mstrc/weekly_ind.html)

For group tutoring, contact to Helen at [nguyenhelen@deanza.edu](mailto: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](mailto:dss@deanza.edu)

### Tentative Schedule

		All Assignments except Quiz and Exam are due Sunday, 11:59 PM
<b>Week 1</b>	July 1-7 Syllabus/ Sections 12.6, 14.1-14.3	July 4 - Independence Day Holiday, <b>No class</b> Group Work 1
<b>Week 2</b>	July 8-14 Sections 14.4-14.8	Quiz 1 (Tuesday) Exam 1 (one hour, Thursday)
<b>Week 3</b>	July 15-21 Sections 15.1-15.6	Quiz 2 (Thursday) Group Work 2
<b>Week 4</b>	July 22-28 Sections 15.7-15.9, 16.1-16.3	Group Work 3 Quiz 3 (Tuesday) Exam 2 (one hour, Thursday)
<b>Week 5</b>	July 29-August 4 Sections 16.4-16.8	Quiz 4 (Tuesday) Exam 3 (one hour, Thursday)
<b>Week 6</b>	August 5-9 Sections 16.9-16.10	August 9 - Final Exam (two hours) Chapters 14, 15, 16, and Section 12.6

- Any change in schedule is announced on Canvas. Students are responsible for keeping track of schedule changes.
- The **due dates for HW** assignments can be found on WebAssign. You will have multiple sections' homework due Sunday.
- **All assignments'** instructions with due dates will be announced on Canvas.
- Examinations 1,2&3 will be opened on scheduled week Thursday at 4:00 PM, and you will have one day to complete them with time limit. Final Examination will be opened on August 9 at 8:00 AM due August 9, 11:59 PM with time limit.
- 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):**

- Apply analytic, graphical and numerical methods to study multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
- Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
- Synthesize the key concepts of differential, integral and multivariate calculus.

**Office Hours:**

F      04:00 PM      05:00 PM      Canvas,Email