

**Instructor:** Hassan. Bourgoub  
**Course Name:** Calculus I  
**CRN/Section** 13663/62Z  
**Classroom:** Online  
**Time:** Various times arranged weekly  
**Office Hours** Daily 6:00pm-6:50pm  
**Email:** [Bourgoubhassan@fhda.edu](mailto:Bourgoubhassan@fhda.edu)  
**Text** Calculus-W/Web-assign, by Stewart, Edition 9e With WebAssign.

### Minimum Requirements

#### Test performance

Satisfactory performance on tests and the final exam are necessary for passing the course.

### Course Content/Curriculum Outline

<http://ecms.deanza.edu/outlineprogresspublic.html?catalogID=2051>

### Attendances

The course is Asynchronous, and meetings are scheduled on Zoom as needed.

Here is the description of Asynchronous learning

“Asynchronous learning means that the instructor and the students in the course all engage with the course content at various times (and from various locations). The instructor provides students with a sequence of units which the students move through as their schedules permit. Each unit might make use of assigned readings or uploaded media, online quizzes, discussion boards, and more. The instructor guides the students, provides them with feedback, and assesses them as needed.”

### Online meetings/Ancillary Materials

I will schedule some Zoom meetings sporadically and you can attend if it fits your time schedule. Be sure to watch the videos on Web-assign, Canvas when available, or any other media available, read the textbook on Web-assign and notes posted on Canvas Modules and do the assignments on Web-assign. The textbook by far offers the best source of information and concept-based learning. Most videos only show you how to solve problems with a very incomplete focus on principles and concepts. Overall Concept based learning is long lasting and takes a lot less time.

### Homework

*Homework is an integral part of the course. It is very unlikely for most students to succeed in this class without completing all homework assignments on time. We will use Cengage/Web-assign site to access the textbook and homework assignments.*

**Web assigned Homework** This part of the course is done on Web-assign website. You are to purchase an access code separately or bundled with a new textbook directly from the site or the Deanza Bookstore. You will be registered in web-assign by me and do not need **class key**; on the other hand, you will need to purchase an **access code** within the first two weeks of the quarter if you do not have valid access to the textbook assigned for the course.

If you do not see the textbook on the page after you log in to Cengage. You can use the class key (Do not register in the Wrong Class section)

For section 61Z. Class Key. deanza 6183 3257

For section 62Z. Class Key. deanza 2060 9271

If you have a Cengage account, log in to your account to see our course listed under the textbook. If you do not have a Cengage account, create an account first using your email address listed on the Deanza web site, then you can access the class on web-assign after you log in to your Cengage account. A message from Cengage is sent to you with log in information. If you do not have an account, scroll down to see Create an Account. Please Use your email address on the Deanza Portal.

All due dates for the assignments on the site are set approximately five days after the relevant material is discussed in class. The fixed due date used to allow for uniform distribution of course load throughout the quarter. Each assignment comprises homework credits equal to the number of problems in the assignment. These credits will be scaled at the end of the quarter for a maximum of 100 course points, 25% of course grade.

Only one extension for each assignment that expires three days after the due date for the assignment is allowed and it is done automatically on the site with 10% penalty. Access to late HW is at the bottom of your WA Homepage.

## **Web-assign Registration**

Check for a message from Cengage/Web-assign in your email for instructions.

## **Tests**

We are going to have two tests and three quizzes. The tests and quizzes are based on the Web-assign homework content. Dates for all tests and quizzes are available on Quiz Module and the class's Weekly modules.

## **Work Sheets**

For each section in the textbook, we cover there is a corresponding writing work sheet. These are designed to supplement Homework and help students write complete legible solutions in both exams and quizzes. They are not nether collected graded for credits.

## **Final Exam**

*The final exam will be comprehensive, mandatory, and counts for 100 points. The date and time for the final exam is available on the Quiz Module and the 6th Week Module.*

## **Distribution of Course Grade**

|             |         |
|-------------|---------|
| Tests       | 140pts  |
| Quizzes     | 60pts   |
| WA Homework | 100 Pts |
| Final Exam  | 100 Pts |
| <hr/>       |         |
| Total       | 400 pts |

## **Materials**

The required text mentioned above, a TI84 calculator or the equivalent, lose paper, pencils and a ruler are required course materials.

## **Academic Integrity**

Refer to Schedule of Classes on college policy under subtitle Academic Integrity; in addition, cheating and plagiarism is not tolerated and will be decisively met with grade F for test/ assignment, and, or dismissal from class depending on the circumstances.

## **Grading:**

The course grade is based on the fixed scale below. Grades are not given to you, they are earned by your desire and willingness to be consistent, persistent, and hard working.

There are three components to the total grade in this course, in-class tests and quizzes, homework, and a final exam. The Final letter grade is based on the scale below.

## **Grade Scale**

| Letter Grade | Range          |
|--------------|----------------|
| A+           | 97 % and above |
| A            | 94 % – 96%     |
| A -          | 90 % – 93%     |
| B +          | 87% -- 89 %    |
| B            | 84 % -- 86 %   |
| B-           | 80 % -- 83 %   |
| C+           | 72 % -- 79 %   |
| C            | 65 % -- 71 %   |
| D            | 50 % -- 64 %   |
| F            | below 50 %     |

Good Luck

**Student Learning Outcome(s):**

- Analyze and synthesize the concepts of limits, continuity, and differentiation from a graphical, numerical, analytical and verbal approach, using correct notation and mathematical precision.
- Evaluate the behavior of graphs in the context of limits, continuity and differentiability.
- Recognize, diagnose, and decide on the appropriate method for solving applied real world problems in optimization, related rates and numerical approximation.

**Office Hours:**

M,T,W,TH      06:00 PM      07:00 PM      Email