

Instructor: Hassan Bourgoub
Course Name: Calculus IV
CRN/Section 37510/07
Classroom: S46
Time: Daily 11:00am-1:15pm
Office Hours: MW 2:00-2:50pm Online, TTH 11:00am-11:50am
Office/Phone: S47A/ 408 864-8806
Email: Canvas Inbox for any class communication
Text Calculus-W/Web-Assign, by Stewart, Edition 8e

PREREQUISITES

DeAnza Math 001C with grade of C or better or the equivalent.

Minimum Requirements**Attendance**

Perfect attendance is required of every student. You are expected to be in class daily on time and remain through class. Call every time you miss class. Two consecutive absences **may** constitute dismissal from class. In the event you decide to withdraw from the course, it is your sole responsibility to fill out a drop sheet and submit it to the records office.

Test performance

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

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 Web-Assign website for course homework and access to the textbook. You are to purchase an access code separately or bundled with a new textbook. The due date for each assignment is available on the site. All due dates are set approximately four 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.

Only one extension, that expires in three days, is allowed per assignment and it is done automatically with a 20% penalty.

Testing

We are going to have three tests, three quizzes and a final exam. The tests are worth 50 points each, and the total number of points for the quizzes is 50, and the final exam counts for 100 points. There will be no makeup exams. The final exam will be comprehensive and mandatory. Dates for all tests and quizzes are available on the course schedule on Canvas Modules.

Distribution of Course Grade

Quizzes	50 pts
Tests	100 pts
WebAssign Homework	150 Pts
Final Exam	100 Pts
Total	400 pts

Materials

The required text mentioned above, a TI84 calculator or the equivalent, loose 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 hardworking. 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+	98 % and above
A	94 % – 97%
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):

- 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:

T,TH	11:00 AM	11:50 AM	In-Person	S47A
M,W	02:00 PM	02:50 PM	Zoom	