

Instructor: Hassan. Bourgoub
Course Name: Pre-Calculus Advanced Topics
CRN/Section 30823/ 01,
Classroom: E31
Time: 7:30 - 8:20am,
Office/Phone: S47A/ (408) 864 8806
Email: Bourgoubhassan@fhda.edu
Text Pre-Calculus With Limits With WebAssign.
Author: Larson, 3rd edition
ISBN: 9781133947202
Web Assignment Publisher: Brooks and Cole, Cengage Learning
Author Larson Web Assign Access for Text Book
ISBN: 9781337051521

PREREQUISITES

DeAnza Math 042 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 the duration of 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 and should be treated accordingly. 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 text book. The due date for each assignment is found on the site. All due dates are set approximately four days after the relevant material is discussed in class. These due dates are fixed to allow for uniform distribution of course load throughout the quarter. Each assignment comprises a number of homework credits equal the number of problems in the assignment. These credits will be scaled at the end of the quarter to a maximum of 120 course points.

Written Assignments:

These assignments correspond to the sections covered in the text book, and they are available in PDF format on my web page under the Assignment Link below the course schedule. Print each assignment back to back and bring with you to the classroom based on the daily schedule for the course. These assignment are not collected, but they are used to create the three quizzes during the quarter.

Testing

We are going to have three tests, three quizzes, and a final exam. The tests are worth 40 points each, 60 points for the quizzes, and the final exam counts for 100 points. The lowest test score can be replaced by four tenths of the final score. There will be no make up exams or quizzes. The final exam will be comprehensive and mandatory. Dates for all tests and quizzes are available on the course schedule.

Distribution of Course Grade

Tests	120 pts
WA Homework	120 Pts
Written Homework Quizzes	60 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 aren't 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 garde	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 %

	Q's	T's	HW	WA	Final
#1					
#2					
#3					
Total					

Student Learning Outcome(s):

*Analyze, investigate, and evaluate linear systems, vectors, and matrices related to two or three dimensional geometric objects.

*Graph and analyze regions/curves represented by inequalities or trigonometric, polar, and parametric equations, including conic sections.

*Analyze, develop, and evaluate formulas for sequences and series; Justify those formulas by mathematical induction.