

Math 232 College Algebra / CRN 50127

Summer 2017

Important Dates:

The following face-to-face meetings will take place on the SLO campus in room 3301:

- Face to Face Course Orientation: Monday, 6/12 from 6:30 pm to 7:45 pm
- Exam 1: Friday 6/23 from 7 to 9 pm
- Exam 2: Friday 7/7 from 7 to 9 pm
- Final Exam: Friday 7/21 from 7 to 9 pm

Instructor:

Julie Hoffman-Rose

Contact information

Email Address: jhoffman@cuesta.edu

Phone Number: 546-3200 – message only for summer courses

Office Location/ Hours: Office hours by appointment on-line for summer courses

Instructor Contact Expectations: The best and fastest way to contact me is email. I will generally respond to your emails within 24 hours during weekdays only.

Course Environment: This online course will be using a Web-based Learning Management System called MyMathLab as the method to disseminate information. MyMathLab provides the framework for the course including lecture videos, access to lecture notes and other printed materials, access to course grades, email, and an e-textbook.

Class Orientation / Accessing MyMathLab: Prior to the **course orientation Monday 6/12 from 6:30 to 7:45 pm** you will receive an email to your my.Cuesta.edu address providing you with a reminder about the course orientation. At the orientation, you will be provided with log in procedures for MyMathLab, the learning management system (LMS) used to deliver course content.

Online Learning/Time commitment

If you have never taken an online class, please be patient with yourself. Online classes are not inherently easier, although they may be much more convenient for many students. You should expect to spend at least as much time, if not more on this course as you would on a course that meets face to face. Since there is no lecture component, much of this time will be self-directed and there will be a substantial

amount of reading, viewing, and studying, required. **Since this is a 3 unit condensed summer class, be prepared to spend up to 20 hours per week on coursework for this class**

IS an ONLINE CLASS FOR YOU?

- First of all, go to the [Online Readiness Resources](#) and take the "self-assessment " and review all the resources that were designed to help you understand the basis for an online class and the skills necessary for success. (If the tutorials do **NOT** describe you, then taking this class online is **NOT** for you and I strongly suggest that you drop the online class and enroll in a traditional classroom section.)

Regular Effective Contact policy:

Regular and Effective Instructor Contact will be met through announcements to students; timely and effective feedback on student assignments; email, phone or messaging to individuals; and virtual office hours, if requested.

Course Description

Presents a study of college algebra and analytic geometry with an emphasis on mathematical modeling. Covers such topics as algebraic equations and inequalities, functions and graphs, zeros of functions, rational functions, exponential and logarithmic functions, conic sections, and systems of equations.

For the official course outline of record please go to CurricUNET:

<http://www.curricunet.com/Cuesta/search/course/>

Course Pre-requisites

The pre-requisite for this course is MATH 127: INTERMEDIATE ALGEBRA **or** MATH 126B: TWO-SEMESTER INTERMEDIATE ALGEBRA - PART 2 **or** MATH 128: APPLIED ALGEBRA **or** equivalent with a grade of C or better **or** a passing score on the Cuesta College Math Assessment Test. For more information about this placement test visit the Assessment Services web site at:

<http://www.cuesta.edu/student/student-services/assessment/index.html>

Student Learning Outcomes

Student Learning Outcomes (SLOs) are specific concepts from the course that are testing across course sections to measure teaching effectiveness. For Math 232 the SLOs are:

1. Transform the graph of a parent function.
2. Determine the zeros of a polynomial function with integer coefficients.
3. Analyze the asymptotic properties of a rational function.
4. Solve an application problem using an exponential growth model.
5. Graph a conic section.
6. Solve an application problem involving a three variable system of equations using matrices.

Text Book and Materials

- The required textbook is in EBook form and is included in the purchase of MyMathLab access. The cost of MyMathLab access is between \$90 and \$120. You do not need to access the course prior to the course orientation. Instructions for purchasing and using MyMathLab will be given at the course orientation. If you prefer to also purchase a hard copy of the book, the title is: College Algebra: Graphs & Models, 5th or 6th Ed. By Bittinger, Beecher, Ellenbogen, and Penna.
- To ensure that you have the correct computer system configuration for the course, click on the following link: [MyMathLab System Requirements](#)
- You will need a Graphing Calculator for this course. I recommend the Ti-83 or Ti-84. I do demonstrations only using the Ti-83 plus. It will be up to you to learn how if you choose to use a different calculator.

Accommodations:

This course is designed using an accessible Learning Management System, and course materials have been created with ADA compliance in mind. If you have a disability and might need accommodations in this class such as extended time on exams or other resources, please contact the instructor as soon as possible so that you can receive appropriate accommodations in a timely manner. You should also contact DSPS (Disabled Student Programs & Services) at 805-546-3148 or <http://www.cuesta.edu/student/student-services/dsps/index.html>

College & Course Policies:

Academic Honesty Policy: Please note all students attending San Luis Obispo County Community College District at any district site and when representing Cuesta College in any off-campus activity, assume an obligation to conduct themselves in an acceptable manner compatible with the Student Code of conduct. Please review the Cuesta College Student Code of conduct at:

http://www.cuesta.edu/student/documents/admissions_records/code_of_conduct.pdf

Add / Drop Policy: Please review the Cuesta policy for adding and dropping a course.

- Add Policy: <http://www.cuesta.edu/student/student-services/admreg/arpolicies/addcourse.html>
- Drop Policy: <http://www.cuesta.edu/student/student-services/admreg/arpolicies/dropcourse.html>

Waitlist Policy: I do not give out add codes before the course orientation. If there are more students than I can reasonably add at the course orientation then I will distribute add codes using the waitlist created by the admissions and records office. Please review the procedure for using the waitlist at:

<http://www.cuesta.edu/student/student-services/admreg/arpolicies/Waitlist.html>