

# Math 232 College Algebra / CRN 72257 Fall 2017

## Important Dates:

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

- Face to Face Course Orientation: Friday 8/25 6:30 pm
- Tests: Fridays 6:30 pm: 9/8, 9/22, 10/13, 10/27, 11/17, 12/1, 12/15.
- Final Exam: Thursday, 12/21 at 6:30 pm room TBA

## Instructor:

Julie Hoffman-Rose

**Email Address:** jhoffman@cuesta.edu

**Phone Number:** 546-3231 ext. 2777

**Office Location/ Hours:** Room 3437 MWF 10-10:45 am; 1 to 1:45 pm; and by appointment

**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 (LMS) called CANVAS as the method to disseminate information. Embedded within CANVAS will be course materials provided by the textbook publisher that require purchase by the student (see the section on Textbook and Materials below).

**Class Orientation:** Prior to the **course orientation, (see date above)** 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 CANVAS, and procedures on how to pay for the on-line textbook and other publisher provided materials.

## 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 class, be prepared to spend up to 9 hours per week on coursework!**

## 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 through the CANVAS LMS 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, 5<sup>th</sup> or 6th Ed. By Bittinger, Beecher, Ellenbogen, and Penna.
- Course Notes – you can buy these in the Cuesta College bookstore.
- 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](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>