Math 122S – College Algebra ONLINE

Edison State Community College

3 Credit Hours

Instructor:	Professor Terry Calvert Faculty Qualifications: BS – Aerospace Engineering – University of Cincinnati - 1983 MS – Math Education – University of Dayton – 2010 Air Command and Staff College – US Navy - 2005
Email:	tcalvert@edisonohio.edu
Office:	214
Office Hours:	Online via Teams – MW 3 – 4:30; In office 214 MW 11 – 12:30
Office Phone:	937-351-1539
Class Meeting Time: Class	None Required Online
Location: Section/ Term:	MTH 122 801 2026FS
Required Materials:	College Algebra: Building Concepts and Connections, Narasimhan, AND XYZ Online Homework All Access Pass
Faculty Contact:	If you have questions or concerns, please contact me via email with the course name and number in the subject line (MTH 122 801FS) through your Edison State email. You are welcome to set up an appointment to meet virtually via Teams or Zoom or stop by my office.
Tentative Schedule:	

Week	Assignments	Due Date by **9:00 PM**
1	R – 4 – Polynomials R – 5 – Factoring Polynomials R – 6 – Rational Expressions 1.1 – Linear Equations and Applications	August 30
2	1.2 – Quadratic Equations and Applications 1.3 – Complex Numbers and Quadratic Equations 1.4 – Rational and Radical Equations 1.5 – Linear Inequalities	September 6
3	**Test A –** Review Sections and Chapter 1 2.1 – The Coordinate System; Lines and Graphs 2.2 – Coordinate Geometry, Circles and Equations	September 13
4	2.3 – Functions 2.4 – Graphs of Functions 2.5 – Linear Functions; Regression; Variation	September 20
5	2.6 – Analyzing Graphs: Rate of Change; Difference Quotient 2.7 – The Algebra of Functions	September 27
6	2.8 – Transformation of the Graph of a Function **TEST 1**	October 4
7	3.1 – Quadratic Functions and Their Graphs 3.2 – Polynomial Functions and Their Graphs	October 11
8	3.3 – Division of Polynomials; Remainder and Factor Theorem 3.4 – Real Zeros of Polynomials	October 18
9	3.5 – The Fundamental Theorem of Algebra 3.6 – Rational Functions	October 25
10	3.7 – Quadratic, Polynomial, Rational Inequalities	November 1

To accommodate the needs of this course, the instructor may alter the syllabus at any time.

Week	Assignments	Due Date by **9:00 PM**
11	**TEST 2** 4.1 – Inverse Functions	November 8
12	4.2 – Exponential Functions 4.3 – Logarithmic Functions	November 15
13	4.4 – Properties of Logarithms 4.5 – Exponential and Logarithmic Equations	November 22
14	4.6 – Exponential, logistical and logarithmic Models 5.1 – System of Linear Equations in Two Variables and Linear Inequalities	November 29
15	**TEST 3**	December 6
16	**Final Exam**	December 9

Recommended Calculator
TI – 30 – Or any other basic scientific calculator

Grade Weight Allocation
25% XYZ Math Homework and Labs
60% Exams
15% Final Exam
Weighted grades cannot be calculated by dividing your points earned by your total points
Your Current Weighted Grade can be found in Blackboard. There is a video posted in the "Start Here" folder that explains weighted grades.

Grade Scale
90-100% A
80-89% B
70-79% C
60-69% D
0-59% F

Classroom Courtesy
This class is online, but courtesy still applies. I encourage you to email me anytime, using your Edison email, but you must use complete sentences, capital letters and punctuation. Edison policy states I must reply to you within 24 hours during the week and 48 hours on the weekend. It rarely takes me that long to reply but the more information you give me the quicker I can get a useful reply to you. Always include your class and section number in the email. It helps me help you faster.

Expectations Outside of Class
Because this is a 3-credit hour, 16-week course, you can expect to spend 6 - 9 hours per week on assignments, homework, exams, asking questions/receiving tutoring, and studying. Late work will absolutely not be accepted so it is in your best interest to work ahead and stay ahead.

Participation
This is an online course, so checking your Edison State email and our Blackboard Announcements daily is a requirement.

Your *three* lowest homework grades will be automatically dropped at the end of the semester. No exam grades will be dropped. There will be no make-up exams. You have access to all the due dates for all the assignments on the first day of class, so plan accordingly. Procrastination is not your friend when working on assignments, so please work ahead. Technology issues at the last minute are detrimental to your success, so please work ahead. **Due dates for tests or XYZ assignments will not be extended due to technical problems.**

Homework in XYZ MATH

No late homework will be accepted for any reason, even a good one. Remember that your *three* lowest homework grades will be dropped so missing a few assignments will not destroy your grade. Online homework assignments have unlimited attempts until the due date and will be delivered online via XYZ online homework system. A tutorial on how to create your homework account is located in the *XYZ MATH* section in Blackboard.

Homework and test due dates are posted on the first day of class. Completing your homework in a timely manner is essential to success in this course. Use the resources provided for you in XYZ Math to help you. You can also email me or utilize Edison State's free in person or eTutoring if you have questions. For technology issues with XYZ MATH, contact their Customer Support, they are excellent and respond quickly. Procrastination is not your friend when completing homework, so please work ahead.

Important Note about XYZ MATH: Any work completed after the due date is not counted toward your grade, but please go back and review your past homework assignments to help you study for exams.

Labs – There are four lab assignments and they count as homework. If you use a MAC you must convert your completed lab to a work doc or pdf. A Google doc does not submit well in Bb and I recommend using word. You can download the lab and type in your answer and submit it back to Bb. If you write in your answers you must submit a scanned document or a picture. You can email me ahead of time and I will check to see if your lab submitted correctly, however that only applies if you submit your lab before the weekend. I cannot guarantee I will see your request over the weekend. If your lab does not submit correctly, you will get a zero on the lab. I will not accept it late via email.

Contacting XYZ MATH Customer Support

If you run into technological issues with homework, you must contact XYZ Math support. Waiting until the last minute for your assignments does not allow time to work out these issues, so please work ahead on your assignments.

eTutoring

All students enrolled at Edison are eligible to receive learning assistance services. Learning assistance services includes eTutoring, and is free to Edison students. Visit https://www.edisonohio.edu/tutoring-center/ to sign up.

Exams and Final Exam

You must access all exams using repondus lockdown browser. You will need a working webcam and microphone. It is possible you will run into technological issues when downloading the lockdown browser. Waiting until the last minute does not allow for time to work these issues out before the due date. Do not wait until the last minute to download the browser and take the exam! Technical issues do not warrant an extended due date. If you wait until the last minute and have trouble with the lockdown browser or any other technical issue you will not be allowed to take the test late. This includes thunderstorms which knock out power. You will be required to prepare for and take all exams on or before their scheduled dates and within the allotted time (75 minutes). You will be allowed one (1) attempt for each exam. Once you begin, you must finish the exam. You cannot stop and start again later. There will be no make-up or re-do exams.

There is a practice test posted in the "Start Here" folder that gives you a chance to be sure your computer is set and the lockdown browser is set up correctly. I encourage you to take this test in the first week of class so there is time to work through any issues that may arise.

The final exam is comprehensive. Your final exam must be completed on time in order to pass the course. The final exam policies are the same as the unit exams.

Extra Credit
There will be no extra credit, so please do not ask for it.

Academic Dishonesty
Because engaging in dishonest practices undermines the trust that is essential in any social relationship, honesty is expected in all matters. Academic honesty requires that you never submit another's work as your own. You will not plagiarize from a printed source, an electronic source, or another student's work, nor will you allow someone else do your work. You will not copy from another student's examination or use unauthorized notes. You will not avoid the timely completion of work by misrepresenting the conditions that cause you to miss a deadline or an examination. You will not assist another student in any dishonest practice. If you engage in academic dishonesty, you will receive a failing grade for the course. Additionally, students are expected to be familiar with and to uphold all student rights and responsibilities as outlined in the student handbook. Read the student handbook for more details.

- TESTING YOUR FAITH ACT POLICY

Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, https://www.edisonohio.edu/services-support/registration-records, located in "Forms" and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at https://www.edisonohio.edu/services-support/student-resources.