

Math 111 A: College Algebra Part I

Fall 2022 – Section 101

Course number: 38447

Credit hours: 2

Instructor: Tuan Pham, email: tnpham@eou.edu

Office: Loso Hall 225, telephone: 541-962-3465

Zoom office hours: M,T,Th,F 1:00-2:00 PM (Pacific time) or by appointment. Link: <https://eou.zoom.us/j/97279586897>

Time and place: this is an asynchronous online class.

Canvas: <https://eou.instructure.com/courses/37170>

Textbook: “*PreCalculus*” by Stitz and Zeager, available for free at <https://stitz-zeager.com/szprecalculus07042013.pdf>.

Prerequisite: Math 095 or equivalent.

Course description: This course will explore the concepts of functions and their properties such as domains, ranges, graphs, and roots. These notions are examined carefully for three classic types of functions: linear, quadratic, and polynomial functions.

Learning Outcomes: Upon successful completion of this class, a student should be able to:

1. Graph simple polynomials, including linear and quadratic functions. Interpret the behaviors of a function from its graph.
2. Factor and find roots of simple polynomials.
3. Apply the technique of graphing and factoring polynomials to solve a variety of practical problems.
4. Perform arithmetic operations on complex numbers.

Grading components:

Syllabus quiz: 1%

Homework: 30% (plus 2% extra credit)

Class participation: 15%

Midterm: 27%

Final exam: 27%

Means of assessment:

- **Syllabus quiz:** due on Thursday 9/29 at 3 PM (Pacific time). This will help you be familiar with the policy of the course.
- **Homework:** There will be 9 homework sets to be turned in on Canvas by 3 PM (Pacific time) each Tuesday. You are to write out your solutions showing your work. If you have specific questions, please feel free to start a thread on the discussion board. Then scan your work and upload the file(s) to Canvas in one of the following formats: pdf, jpg, jpeg, png, doc, docx. Please make sure that your submission is clear enough to read.

You are encouraged to work together, but must individually write in your own words and reflect your own understanding. Late submissions will not be accepted except in cases of emergency or illness with relevant documentations. Only a few selected problems will be graded in detail. The rest will be given credit on the basis of completion. The lowest homework score will be dropped.

For the last homework set, you will work in a group. Only one report is required per group. The emphasis of this homework set is on the writing quality of your work. (More specific instructions will be given later.) If you seek help at the Writing Center (free of charge, information below), you will earn a bonus of 2% of the total course score. Make sure to attach a customer report to your group report to prove that you have used their service.

- **Class participation:** Post at least twice on the discussion board for each assignment, either asking a question or offering help, and you will get full credit (4 points per assignment). While you may post in the discussion forum at any time, only posts made by the due date for that assignment will count toward your class-participation score.
- **Midterm Exam:** The midterm exam will be on November 3, 2022. Closed book and closed note. A non-graphing calculator is allowed. The time limit is 90 minutes. Scratch paper is allowed.
- **Final exam:** The final exam will be on December 14, 2022. The final exam will only covers the material after the midterm exam. The same policy as of the midterm exam applies.

Proctored tests: Both midterm and final exams are proctored. If you want to take your tests at the EOU's Testing Center or at an EOU Regional Center, please contact the Testing Center at testing@eou.edu to establish a proctor. You can also take the test at home using SmarterProctoring (some system requirements apply). More information can be found at www.eou.edu/testing. Please contact the Testing Center if you have any questions.

Grade lines: the course grade lines will not be harder than the standard grade lines: A 100-93%, A- 92.99-90%, B+ 89.99-87%, B 86.99-83%, B- 82.99-80%, C+ 79.99 - 77%, C 76.99-73%, C- 72.99-70%, D+ 69.99-67%, D 66.99-63%, D- 62.99 - 60% and F < 60%.

Other Learning Resources:

- The Learning Center at Loso Hall 234 offers free tutoring service, both physical and virtual. Visit <https://www.eou.edu/lcenter/> for appointment.
- The Writing Center at Loso Hall 234 provides a place, both physical and virtual, where every EOU writer can find an interested, responsive reader. Go to eou.mywconline.com/ to schedule an appointment with the Writing Center.

Academic Misconduct Policy:

Eastern Oregon University places a high value upon the integrity of its student scholars. Any student found responsible for an act of academic misconduct (including but not limited to cheating, unauthorized collaboration, fabrication, facilitation, plagiarism or tampering) may be subject to having his or her grade reduced in the course in question, being placed on probation or suspended from the University, or a combination of these.

Students with Disabilities policy:

Any student who feels he or she may need an accommodation for any type of disability must contact the Disability Services Office in Loso Hall, Room 234. Phone 541-962-3081.