



Mathematical, Information and Computer Sciences

School of STEM

## **MTH1013 College Algebra**

3 Units

*Fall 2025*

**Meeting days/times MWF 2:55-3:50 pm**

**Meeting location Rohr Science (RS) 395**

**Final Exam: Wednesday 12/17 1:30 – 4:00 pm**

**Instructor:** Prof. Kevin Stovall

**Phone:** Please call the Department Program Manager – 619-849-2219

**Email:** KevinStovall@pointloma.edu

**Office Location and Office Hours:**

RS278

Office hours will be before and after class or by appointment

### **PLNU Mission**

#### **To Teach ~ To Shape ~ To Send**

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

### **Department Mission**

The Mathematical, Information, and Computer Sciences department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

### **Course Description**

MTH 1013 - College Algebra (3)

A review and extension of elementary algebra, solutions of linear and quadratic equations, radicals, inequalities, linear and quadratic functions, polynomial functions, exponential and logarithmic functions, conic sections, sequences and series and graphing.

Prerequisite(s): MTH 0099 (or equivalent).

### **Program and Course Learning Outcomes**

The following student learning outcomes will be met in this course:

1. Students will be able to solve problems using linear equations, inequalities, graphs, and functions.
2. Students will be able to solve systems of linear equations.
3. Students will be able to solve problems using polynomials and factoring.
4. Students will be able to solve problems using logarithms.

Assessment method: Homework and exams.

### **Required Texts and Recommended Study Resources**

Students are responsible for having the required course textbooks prior to the first day of class.

All supplemental materials posted on this course site (including articles, book excerpts, or other documents) are provided for your personal academic use. These materials may be protected by copyright law and should not be duplicated or distributed without permission of the copyright owner.

*Intermediate Algebra, 13th Edition*, Margaret L. Lial, John Hornsby, and Terry McGinnis

### **Course Credit Hour Information**

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 3-unit class delivered over fifteen weeks. It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework. For this course, students will spend an estimated 113 total hours meeting the course learning outcomes.

### **Assessment and Grading**

#### **Graded Components**

- **Homework:** You may work with other people on your homework, but each individual will be responsible for writing up the entire homework assignment and turning it in. The homework is due at the start of class on Thursday.

- **Examinations and the Final Examination.** Examinations and the Final Examination will include problems and questions over material assigned in the text, readings and handouts, as well as material presented in class. No examination shall be missed without prior consent or a well-documented emergency beyond your control. In that case, the make-up exam will take place at 8:30 AM on the Saturday before final exams (December 13, 2024). A score of zero will be assigned for an examination that is missed without prior consent or a well-documented emergency beyond your control.
- **Final Examination Policy.** Successful completion of this class requires taking the final examination on its scheduled day. See the final exam policy below for how to handle having three (3) or more finals on the same day.
- **Late work** will not be accepted without prior consent or a well-documented emergency.
- **Note:** The examination schedule is shown in the Canvas schedule. This instructor does not intend to accept excuses such as poor communication with parents, benefactors, surf team sponsors and/or travel agents.

**Point Distribution:**

Homework	30%
Exams (2)	40%
<u>Final Exam</u>	<u>30%</u>
Total	100%

**Grading Scale**

Grades are based on the number of points accumulated throughout the course with the following exception. *A student must pass at least one of Exam I, Exam II, or the Final Exam in order to pass the class.* That is, a score of 60% must be achieved on Exam I, Exam II, or the Final Exam, or else the final course grade will be an F regardless of all other point totals. Approximate minimal percentages required to obtain a given grade are:

**Standard Grade Scale Based on Percentages**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>F</b>
A [92.5-100]	B+ [87.5-90]	C+ [77.5-80]	D+ [67.5-70]	F [0-60]
A- [90-92.5]	B [82.5-87.5]	C [72.5-77.5]	D [62.5-67.5]	
	B- [80-82.5]	C- [70-72.5]	D- [60-62.5]	

## **Final Examination Policy**

Successful completion of this class requires taking the final examination on its scheduled day. The final examination schedule is posted on the [Traditional Undergraduate Records: Final Exam Schedules](#) site. If you find yourself scheduled for three (3) or more final examinations on the same day, you are authorized to contact each professor to arrange a different time for one of those exams. However, unless you have three (3) or more exams on the same day, no requests for alternative final examinations will be granted.

## **Incompletes and Late Assignments**

All assignments are to be submitted/turned in by the beginning of the class session when they are due, including assignments posted in Canvas. Incompletes will only be assigned in extremely unusual circumstances.

## **Artificial Intelligence (AI) Policy**

You are allowed to use Artificial Intelligence (AI) tools (e.g., ChatGPT, Gemini Pro 1.5, GrammarlyGo, Perplexity, etc) to generate ideas, but you are *not allowed* to use AI tools to generate content (text, video, audio, image, problem solutions, equations) that will end up in any work submitted to be graded for this course. If you have any doubts about using AI, please gain permission from the instructor.

## **PLNU Academic Accommodations Policy**

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities in accordance with the Americans with Disabilities Act (ADA). Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center ([EAC@pointloma.edu](mailto:EAC@pointloma.edu) or 619-849-2533). Once a student's eligibility for an accommodation has been determined, the EAC will work with the student to create an Accommodation Plan (AP) that outlines allowed accommodations. Professors are able to view a student's approved accommodations through Accommodate.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course. Accommodations are not retroactive so clarifying with the professor at the outset is one of the best ways to promote positive academic outcomes.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC. Students cannot assume that because they had accommodations in the past, their eligibility at PLNU is automatic. All determinations at PLNU must go through the EAC process. This is to protect the privacy of students with disabilities who may not want to disclose this information and are not asking for any accommodations.

## Additional Course Information

Additional PLNU policies and practices that apply to this course can be found at the following link:  
<https://docs.google.com/document/d/11BgAANLOJ9tjt837d24EZ181ukM2qzHF/edit>

## LomaBooks Instructions for Students

This course is part of our course material delivery program, **LomaBooks**. The bookstore will provide each student with a convenient package containing all required physical materials; all digitally delivered materials will be integrated into Canvas. If you choose to use LomaBooks, you should have received an email from the bookstore confirming the list of materials that will be provided for each of your courses and asking you to select how you would like to receive any printed components (in-store pick up or home delivery). If you have not done so already, please confirm your fulfillment preference so the bookstore can prepare your materials.

For more information about **LomaBooks**, please go: [HERE](#)

## Assignments At-A-Glance

Your assignments will be posted in Canvas.

Date	Details	Due
Wed Sep 10, 2025	Assignment <a href="#">Homework #1</a>	due by 3pm
Wed Sep 17, 2025	Assignment <a href="#">Homework #2</a>	due by 3pm
Wed Sep 24, 2025	Assignment <a href="#">Homework #3</a>	due by 3pm
Wed Oct 1, 2025	Assignment <a href="#">Homework #4</a>	due by 3pm

<b>Date</b>	<b>Details</b>	<b>Due</b>
Mon Oct 6, 2025	Assignment <a href="#">Exam I</a>	due by 3pm
Wed Oct 8, 2025	Assignment <a href="#">Homework #5</a>	due by 3pm
Wed Oct 15, 2025	Assignment <a href="#">Homework #6</a>	due by 3pm
Wed Oct 22, 2025	Assignment <a href="#">Homework #7</a>	due by 3pm
Wed Oct 29, 2025	Assignment <a href="#">Homework #8</a>	due by 3pm
Wed Nov 5, 2025	Assignment <a href="#">Homework #9</a>	due by 3pm
Wed Nov 12, 2025	Assignment <a href="#">Homework #10</a>	due by 3pm
Mon Nov 17, 2025	Assignment <a href="#">Exam II</a>	due by 3pm
Wed Nov 19, 2025	Assignment <a href="#">Homework #11</a>	due by 3pm

Date	Details	Due
Wed Dec 3, 2025	Assignment <a href="#">Homework #12</a>	due by 3pm
Wed Dec 10, 2025	Assignment <a href="#">Homework #13</a>	due by 3pm
Wed Dec 10, 2025	Assignment <a href="#">Homework #14</a>	due by 3pm
Wed Dec 17, 2025	Assignment <a href="#">Final Exam</a>	due by 1:30pm
	Assignment <a href="#">Homework #15</a>	