

# Point Loma Nazarene University

## MTH099 Elementary Algebra

### Spring 2018 (3 units)

**Time and Place:** M 4:00-4:50 PM and W 4:00-5:40 PM in RLC102

**Instructor:** Prof. Max Hankins

**Phone Number:** 619-849-2219

**E-mail:** mhankins@pointloma.edu

**Office Number:** Rohr Science 211

**Office Hours:** 2:00-3:45 before each day of class or by appointment (send email)

**Text:** Angel and Runde, *Elementary Algebra for College Students*, 9e.

**Catalog Description:**

MTH099 – Elementary Algebra (3)

An introduction to algebra, including a study of the real number system, solutions of linear and quadratic equations, polynomials, factoring, systems of equations, graphing, inequalities, and radicals. Note: This course does not count toward the minimum 128 units required for graduation.

**Learning Outcomes:**

- Students will be able to perform basic operations on the real numbers
- Students will be able to solve basic polynomial equations.

**Grading:**

The components of the grades:

Homework	150
Classwork	50
Review Worksheets	75
Notebook	25
Exam	300
Final	400
Total Points	1000

Approximate minimal points required to obtain a given grade are:

	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
+		(875, 900)	(775, 800)	(675, 700)
	[925, 1000]	[825, 875]	[725, 775]	[625, 675]
-	[900, 925)	[800, 825)	[700, 725)	[600, 625)

Note that scores of 599 or lower will result in an F.

**Homework:**

Homework will be assigned each day at the end of class and each week's homework assignments will be due on the following Thursday. For example, homework assigned this week on Tuesday and Thursday will be due next week on Thursday. An assignment is late if not completed by its deadline. Late work will be assessed a significant penalty.

**ClassTime:**

Class time will be used for:

- Review of last session's classwork.
- Distribution of handouts and worksheets.
- Introduction of topics from the text.
- Working examples from the text.
- Additional material presented in class.
- Answering students' questions on subject material.
- Class work
- Mid Term Exam

**Classwork:**

Classwork will be handed out at the beginning of each class and collected at the end of class. This work will be checked for completion and returned at the next class. It will be the student's responsibility to correct any mistakes in the classwork as it is reviewed. On time completion of classwork will result in the accumulation of classwork points. During the semester you will be assigned 2-3 activities or projects that may require group work outside of class.

**Review Worksheets:**

Review worksheets will be handed out for completion at appropriate times. On time and accurate completion of these worksheets will result in the accumulation of review points. Graded review worksheets will be returned for correction and inclusion in the student notebook.

**Student Notebook:**

Students will keep the syllabus, the midterm exam and any corrections to it, as well as their completed and corrected review worksheets in a 3-ring notebook with dividers. Other materials of the student's choice may also be included, such as student notes from class lectures, how-to notes on math procedures, etc. Notebooks will be graded on completeness, accuracy, neatness and presentation. Notebooks will be collected and graded on the midterm and final exam dates.

**Midterm and Final Exams:**

The midterm and final examinations will include problems and questions over material assigned in the text, readings and handouts, as well as material presented in class. The midterm exam will be returned for correction and inclusion in the student notebook. No examination shall be missed without prior consent by me or a well-documented emergency beyond your control. A score of zero will be assigned for an examination that is missed without prior consent or a well-documented emergency beyond your control. The examination schedule is included in the daily schedule.

**Final:**

The final exam date and time is set by the university at the beginning of the semester and may not be changed by the instructor. This schedule can be found on the university website and in the course calendar. No requests for early examinations will be approved. Only in the case that a student is required to take three exams during the same day of finals week, is an instructor authorized to consider changing the exam date and time for that particular student. The final for MTH242 is cumulative and is given at the assigned final time on **WENESDAY MAY 2 FROM 4:30-7:00 PM.**

**General Advice:**

The key to success in this class is to attend lectures regularly and do your homework and classwork. You learn mathematics by doing it yourself. You should expect to spend approximately two hours outside of class for every one hour in class working on homework and going over concepts. When doing homework, please note it is normal to not be able to do every problem correctly on the first attempt. Do not be discouraged, instead seek help.

Read the material prior to coming to class. It is not possible to learn most math "cold" the first time it is presented. If you try working the examples first, you will find it easier to follow them as we work through them in class.

**Sources of Help:**

1. Me. If you have questions, ask me. Because I have a hearing disability, the best time for asking questions is during the classwork time, or during hours as listed above. For common questions, I may post a livescribe explanation on the site.
2. FREE TUTORING- Math Learning Center, RS-230. Hours are posted on the door.
3. Other classmates. Form study groups! Work together!

**University Mission:**

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 becomes an expression of faith. Being of Wesleyan heritage, we aspire 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.

**Attendance:**

Attendance is expected at each class session. In the event of an absence you are responsible for the material covered in class and the assignments given that day.

Regular and punctual attendance at all classes is considered essential to optimum academic achievement. If the student is absent from more than 10 percent of class meetings, the faculty member can file a written report which may result in de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. See [Attendance Policy](#) in the in the Undergraduate Academic Catalog.

**Class Enrollment:**

It is the student's responsibility to maintain his/her class schedule. Should the need arise to drop this course (personal emergencies, poor performance, etc.), the student has the responsibility to follow through (provided the drop date meets the stated calendar deadline established by the university), not the instructor. Simply ceasing to attend this course or failing to follow through to arrange for a change of registration (drop/add) may easily result in a grade of F on the official transcript.

**Academic Accommodations:**

If you have a diagnosed disability, please contact PLNU's Disability Resource Center (DRC) within the first two weeks of class to demonstrate need and to register for accommodation by phone at 619-849-2486 or by e-mail at [DRC@pointloma.edu](mailto:DRC@pointloma.edu). See [Disability Resource Center](#) for additional information. For more details see the PLNU catalog under [Academic](#)

[Accommodations](#). Students with learning disabilities who may need accommodations should discuss options with the instructor during the first two weeks of class.

**Academic Honesty:**

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [the catalog](#) for definitions of kinds of academic dishonesty and for further policy information.

**Copyright Protected Materials:**

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

**Credit Hour:**

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 15 weeks. Specific details about how the class meets the credit hour requirements can be provided upon request.

**Projected Schedule:**

	1/11/2018 Missed class
1/16/2017 Missed class	1/18/2018 Chapter 1
1/22/2018 Chapter 1	1/24/2018 Chapter 1
1/29/2018 Chapter 2	1/31/2018 Chapter 2
2/5/2018 Chapter 2	2/7/2018 Chapter 3
2/12/2018 Chapter 3	2/14/2018 Chapter 3
2/19/2018 Chapter 4	2/21/2018 Chapter 4
2/26/2018 Chapter 4	2/28/2018 <b>Mid-Term</b>
3/5/2018 Spring Break	3/7/2018 Spring Break
3/12/2018 Chapter 5	3/14/2018 Chapter 5
3/19/2018 Chapter 5	3/21/2018 Chapter 6
3/26/2018 Chapter 6	3/28/2018 Chapter 7
4/2/2018 Easter Break	4/4/2018 Chapter 7
4/9/2018 Chapter 8	4/11/2018 Chapter 8
4/16/2018 Chapter 9	4/18/2018 Chapter 9
4/23/2018 Chapter 10	4/25/2018 Chapter 10
	<b>5/2/2018</b> <b>4:30-7:00 PM</b>