

Point Loma Nazarene University

MTH099 Elementary Algebra

Spring 2020 (3 units)

Time and Place: M W 4:00-5:15 PM, Rohr Science 365

Instructor: Prof. Max Hankins

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Office Number: Rohr Science 278

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. with mymathlab access code.

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	50
Notes	50
Mid Term Exam	300
Final	400
Total Points	1000

Approximate minimal points required to obtain a given grade are:

	A	B	C	D
+		(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 through the mymathlab site for each day at the end of class and each week's homework assignments will be due at the end of the following Monday. For example, homework assigned this week on Monday and Wednesday will be due next week on Monday by the end of the day. 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:

- Any necessary review of homework.
- 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 and Notes

Classwork and notes will be handed out at the beginning of each class and collected at the end of class. Classwork will be graded. Notes will be checked for completion. Both will be returned at the next class. For absences due to documented illness or for official University events, classwork and notes may be made up; however, see the section below on excessive absences.

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.

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 MTH099 is cumulative and is given at the assigned final time on **MONDAY MAY 4 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.

Keep a notebook! It should include the syllabus, the notes you filled out, the review worksheets, the midterm exam and any other material you find helpful.

Prior to the mid-term and final exams, study your notebook. Also pay attention to classwork that you got wrong, review questions you got wrong, or math lab problems that you had trouble with. Your textbook has chapter tests. Take a sample of questions from these, and test yourself by working them all, then checking your answers. Taking an exam is different from doing the math lab homework. They cover the same areas, but in math lab, you have a lot of study helps that aren't available at the test.

Sources of Help:

1. Me. If you have questions, ask me. The best time for getting individual questions is during the classwork time, or during office 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:

While all students are expected to meet the minimum standards for completion of this course as established by the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center. (DRC@pointloma.edu or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Section 504 (a) prohibits discrimination against students with special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

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 Hours:

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:

1/14/20 (Tuesday) Chapter 1	1/15/20 (Wednesday) Chapter 1
1/20/20 No class Martin Luther King Day	1/22/20 Chapter 1
1/27/20 Chapter 1	1/29/20 Chapter 2
2/3/20 Chapter 2	2/5/20 Chapter 2
2/10/20 Chapter 2,3	2/12/20 Chapter 3
2/17/20 Chapter 3	2/19/20 Chapter 3,4
2/24/20 Chapter 4	2/26/20 Chapter 4
3/2/20 Chapter 4,review	3/4/20 Mid Term
3/9/20 Spring Break	3/11/20 Spring Break
3/16/20 Chapter 5	3/18/20 Chapter 5
3/23/20 Chapter 5,6	3/25/20 Chapter 6
3/30/20 Chapter 6	4/1/20 Chapter 6,7
4/6/20 Chapter 7	4/8/20 Chapter 7
4/13/20 Easter Break	4/15/20 Chapter 8
4/20/20 Chapter 8,9	4/22/20 Chapter 9
4/27/20 Chapter 10	4/29/20 Chapter 10,review
5/4/20 Final Exam	