Point Loma Nazarene University
Math 099: Elementary Algebra
3 Credit Hours
RLC 108, TTR 4:00pm - 5:15pm

Instructor: Prof. Max Hankins
Contact information:
mhankins@pointloma.edu
Office: Rohr Science 210
Office hours: TTR 2:00pm to 3:45pm, or by appointment.

Textbook: Angel and Runde, Elementary Algebra for College Students, 9e,
with mymathlab access code, either new or online.

Supplemental Materials: 3-ring binder with dividers, calculator, ruler.

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:

Grades for the course will be based on:

Homework:	150 points
Classwork:	50 points
Review worksheets:	75 points
Notebook:	25 points
Midterm exam:	300 points
Final Exam:	400 points

Total:	1000 points

Grading Scale:

Course grades will be assigned according to the following point scale:

A   [925, 1000]
A-   [900, 924]
B+   [875, 899]
B   [825, 875]
B-   [800, 824]
C+   [775, 799]
C   [725, 775]
C-   [700, 724]
D+   [675, 699]
D   [625, 674]
D-   [600, 624]
F   [0,   599]

Note that scores of 59.9% or lower will result in an F.

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 in which a student is registered is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements to be met. There are no allowed or excused absences except as approved in writing by the Provost for specific students participating in certain university-sanctioned activities. Excused absences still count toward the 10%-20% limits, but

allow students to make up work, quizzes, or tests missed as a result of a university-sanctioned activity. Activities of a unique nature, such as labs or other activities identified clearly on the syllabus, cannot be made up except in rare instances when instructors have given advanced, written approval for doing so. Whenever the number of accumulated absences in a class, for any cause, exceeds ten (10) percent of the total number of class meetings, the faculty member should send an e-mail to the student and the Vice Provost for Academic Administration (VPAA) warning of attendance jeopardy. If more than twenty (20) percent of the total number of class meetings is reported as missed, the faculty member or VPAA may initiate the student's de-enrollment from the course without further advanced notice to the student. If the date of de-enrollment is past the last date to withdraw from a class, the student will be assigned a grade of W or WF consistent with university policy in the Grading section of the catalog. There are no refunds for courses where a de-enrollment was processed. For more details see the PLNU catalog: http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278#Class_Attendance

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 academic standards for completion of their courses as established by the instructors, students with special needs may require academic accommodations. At Point Loma Nazarene University, students requesting academic accommodations must file documentation with the Disability Resource Center (DRC), located in the Bond Academic Center. Students can also reach the Disability Resource Center by phone at 619-849-2486 or by e-mail at DRC@pointloma.edu. Once the student files documentation, the Disability Resource Center contacts the student's instructors and provides written recommendations for reasonable and appropriate accommodations to meet the individual needs of the student. This policy assists the university in its commitment to full compliance with Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities (ADA) Act of 1990, and ADA Amendments Act of 2008, all of which prohibit discrimination against students with special needs and guarantees all qualified students equal access to the benefits of PLNU programs and activities. For more details see the PLNU catalog:

http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278#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:

The Point Loma Nazarene University community holds the highest standards of honesty and integrity in all aspects of university life. Any violation of the university's commitment is a serious affront to the very nature of Point Loma's mission and purpose. Violations of academic honesty include cheating, plagiarism, falsification, aiding academic dishonesty, and malicious interference. The details of PLNU's meaning of each of these words can be found in the PLNU catalog at:

http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278#Academic_Honesty

A student remains responsible for the academic honesty of work submitted in PLNU courses and the consequences of academic dishonesty beyond receipt of the final grade in the class and beyond the awarding of the diploma. Ignorance of these catalog policies will not be considered a valid excuse or defense. Students may not withdraw from a course as a response to a consequence.

A student who is caught cheating on any item of work will receive a zero on that item and may receive an "F" for the semester. See the PLNU Catalog for a further explanation of the PLNU procedures for academic dishonesty

(http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278#Academic_Honesty).

Final Exam: Date and Time: Tuesday, May 3, 4:30-7:30

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. 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 change the exam date and time for that particular student. The final exam is Tuesday, May 3, 2015, from 4:30 to 7:30. The final exam is comprehensive.

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 an 3 unit class delivered over 15 weeks. Specific details about how the class meets the credit hour requirements can be provided upon request.

Course Description:

This course constitutes an introduction to algebra designed to meet the requirements for graduation and to prepare you for other classes for which this class is a prerequisite. We will study the real number system, solutions of linear and quadratic equations, polynomials, factoring, graphing, inequalities, and radicals.

Course Philosophy:

Mathematics is learned primarily by doing mathematics- not simply listening to it; that is, the effective learning of mathematics is an active process, involving participation. Thus, the course aims to maximize student involvement, hence student achievement. Individual concepts in mathematics are learned (mastered as opposed to memorized) by thinking and working through numerous examples and exercises which involve these concepts; by this process mathematical concepts become familiar and less abstract.

Course Format:

Homework:
        Homework for this course will be done using the students' mymathlab account. Signup for the mathlab account is mandatory. Use the course: hankins71047. Failure to sign up by the end of the second week of the class will result in the student being dropped.

        Students will do their homework online using their mymathlab account. Successful, on-time completion of these assignments will result in the accumulation of homework points. Assignments will be due each week as given on the mathlab site. An assignment is late if not completed by its deadline. Late work will be assessed a significant penalty.

Class Time:
        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.

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.

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 correct on the first attempt. Do not be discouraged, instead seek help.

For the mymathlab work, it is important to work the problems on paper prior to entering your answer. You will be given several tries to answer a question correctly prior to getting it wrong. If you notice a problem area, make a note of it. The more detailed your question is, the better the chance you will get a helpful answer.

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!

      4. The mymathlab site: This site has alternative sources of information on the class material, including video presentations of problem solutions and video lectures.

MTH099 Projected Schedule Fall 2015

1/14 - 1/28   Chapter One
12/28 - 2/11 Chapter Two
2/11 - 2/16   Chapter Three
2/16 - 3/1   Chapter Four
3/3   Midterm Exam (Chapters 1-4)
3/15 - 3/22 Chapter Five
3/22 - 3/31 Chapter Six
3/31 - 4/12 Chapter Seven
4/12 - 4/14 Chapter Eight
4/14 - 4/21 Chapter Nine
4/21 - 4/28 Chapter Ten
5/3   Final 4:30 - 7:30 (Cumulative)