


Course Syllabus

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	<p>Department: Mathematical, Information and Computer Sciences</p> <p>MTH0099: Elementary Algebra</p> <p>Number of Units: 3</p>
<p>Spring 2022</p>	

<p>Meeting days, times, locations:</p> <p>MWF 1:30-2:25 RS 265</p>	<p>Instructor title and name:</p> <p>Dr. Lori Carter, Professor of Computer Science</p>
<p>Phone: (619) 849-2352</p>	<p>Email: loricarter@pointloma.edu</p>
<p>Final Exam: Wednesday 1:30</p>	<p>Office Location: RS 210</p> <p>Please email me to set up a zoom call or to meet outside for office hours.</p>

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.

MICS 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

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.

COURSE LEARNING OUTCOMES

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

COURSE ORGANIZATION

Lecture: Class time will be used for instruction, reviews, quizzes and exams. Regular attendance is expected and is worth 5% of your grade. Attendance/participation means that you are on Zoom with your camera on while we are remote, and in class taking notes and answering questions when we are in person.

Homework: There will be a homework assignment due **most Mondays by noon**. You may turn in your homework assignment by Tuesday at noon for a maximum of 70%. Beyond that, late homework is not accepted, but your lowest homework assignment will be dropped. All homework will be turned in via Canvas. Please take a clear picture (or pictures) of your written homework and paste them onto a document for uploading. I will accept Word documents or PDFs. **To get credit for homework, you must show work if it makes sense to do so.** Please note that it is possible that not every problem of every assignment will be graded for correctness. However, part of your homework grade will be based on your effort to solve each problem.

Quizzes: There will be 4 quizzes administered during the semester. These will be based on the 1-2 chapters just finished. If there is an absence required due to a school-related function, you can arrange to take the quiz early. Otherwise, quizzes cannot be made up, but the lowest quiz grade will be dropped.

Midterm: The midterm will be given during class on **Wednesday, March 2**. It will cover chapters 1-5. If there is an absence required due to a school-related function, you can arrange to take the midterm early. Otherwise, a missed midterm will likely result in a grade of 0.

Final Exam: The final exam will be cumulative, covering sections 1-10. It is scheduled for **Wednesday of finals week at 1:30**.

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Angel and Runde, Elementary Algebra for College Students, 10e. We will not be using myMathLab, so no access code is needed. In addition, you should obtain an inexpensive scientific calculator. You will not be able to use your phone on exams.

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

It is anticipated that you will spend a minimum of 37.5 participation hours per credit hour in your course. For this course, students will spend an estimated 113 total hours meeting the course learning outcomes. The time estimations are provided in the Canvas modules and below. The estimated time expectations for this 3 credit course are shown below:

Assignments	Total Course Hours

Reading: Text	15
Homework Assignments	35
Lectures	40
Quizzes and prep	8
Exams and exam prep	15
TOTAL	113

ASSESSMENT AND GRADING

Course point distribution:

Attendance	5%
In class quizzes	20%
Homework	25%
Midterm Exam	25%
Final Exam	25%

Final grades will be based on the following:

A	B	C	D	F
A 93-100	B+ 87-89	C+ 77-79	D+ 67-69	F Less than 60

A- 90-92	B 83-86	C 73-76	D 63-66	
	B- 80-82	C- 70-72	D- 60-62	

STATE AUTHORIZATION

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization \(https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures\)](https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures) to view which states allow online (distance education) outside of California.

INCOMPLETES AND LATE ASSIGNMENTS

As noted, all homework assignments are due on Monday at noon. Homework assignments turned in the following Tuesday by noon may earn up to 70%. Beyond that, late work is not accepted.

Incompletes will only be assigned in extremely unusual circumstances.

PLNU COPYRIGHT POLICY

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.

PLNU ACADEMIC HONESTY POLICY

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 [Academic Policies \(https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty\)](https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty) for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICY

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu [\(https://mail.google.com/mail/\)](https://mail.google.com/mail/)

[view=cm&fs=1&tf=1&to=EAC@pointloma.edu](#)) or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

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 and/or if they do not wish to utilize some or all of the elements of their AP in that course.

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.

FINAL EXAM DATE AND TIME

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.

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.

PLNU ATTENDANCE AND PARTICIPATION POLICY

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions, the faculty member will issue a written warning of 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.

In some courses, a portion of the credit hour content will be delivered **asynchronously** and attendance will be determined by submitting the assignments by the posted due dates. See [Academic Policies](https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty) [\(https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty\)](https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty) in the Undergraduate Academic Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

Asynchronous Attendance/Participation Definition

A day of attendance in asynchronous content is determined as contributing a substantive note, assignment, discussion, or submission by the posted due date. Failure to meet these standards will result in an absence for that day. Instructors will determine how many asynchronous attendance days are required each week.

SPIRITUAL CARE

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If students have questions, a desire to meet with the chaplain or have prayer requests you can contact the [Office of Spiritual Development](#).

USE OF TECHNOLOGY

In order to be successful in the online or hybrid environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) [. \(https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349\)](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) information. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams require a computer with a camera (tablets are not compatible) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

Anticipated Schedule




Monday	Tues	Wednesday	Thurs	Friday
	Jan 11 Intro 1.1-1.2	12 1.3-1.4	13	14 1.5-1.7
17 MLK HW 1 due	18	19 1.8-1.10	20	21 No class
24 Review exercises HW 2 due	25	26 Chapter 1 quiz 2.1	27	28 2.2-2.3
31 2.4 -2.6 HW 3 due	Feb 1	2 2.7 – 2.8	3	4 3.1-3.2

7 3.3-3.4 HW 4 due	8	9 Chapter 3 practice	10	11 Quiz 2-3
14 Go over quiz 4.1-4.2	15	16 4.3 – 4.4	17	18 4.5-4.6
21 HW 5 due 5.1-5.2	22	23 5.3-5.4	24	25 5.5 – 5.6
28 HW 6 due Review	Mar 1	2 Midterm	3	4 Go over midterm – Class work
7 Spring break	8 Spring break	9 Spring break	10 Spring break	11 Spring break
14 6.1-6.2	15	16 6.3-6.4	17	18 6.5-6.6
21 HW 7 due 7.1-7.2	22	23 7.3-7.4	24	25 7.5-7.6
28	29	30	31	Apr 1

HW 8 due Review		Quiz 6-7		Go over quiz, 8.1
4 HW 9 due 8.2-8.3	5	6 9.1-9.2	7	8 9.3-9.4
11 HW 10 due 9.5-9.6	12	13 Review	14 Easter brk	15 Easter brk
18 Easter brk	19	20 Quiz 8-9	21	22 Go over quiz 10.1
25 10.2	26	27 10.3	28	29 HW 11 due Review
May 2	3	4 Final 1:30	5	6

Course Summary:

Date	Details	Due
Mon Jan 17, 2022	 HW 1 https://canvas.pointloma.edu/courses/60919/assignments/744710	due by 12pm

Date	Details	Due
Mon Jan 24, 2022	 HW 2 (https://canvas.pointloma.edu/courses/60919/assignments/758281)	due by 12pm
Mon Jan 31, 2022	 HW 3 (https://canvas.pointloma.edu/courses/60919/assignments/763352)	due by 12pm
	 Roll Call Attendance (https://canvas.pointloma.edu/courses/60919/assignments/761027)	