Course Syllabus

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Department of Mathematical, Information, and Computer Sciences

MAT0099 Elementary Algebra

3 Units

Spring 2023

Meeting Days: Wednesdays

Meeting Times: 6:00-7:30 PM

Meeting Location: Synchronously Online

Final Exam: (Day/Time): Wednesday May 3,

2023, 6:00-8:30 PM

Instructor: Prof. Elizabeth Riordan

Email: eriordan@pointloma.edu

Phone: Call 619-849-2219 to leave a message

Office Location and Hours: Before/after class 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.

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.

INSTITUTIONAL LEARNING OUTCOMES

1. Learning, Informed by our Faith in Christ

Students will acquire knowledge of human cultures and the physical and natural world while developing skills and habits of the mind that foster lifelong learning.

2. Growing, In a Christ-Centered Faith Community

Students will develop a deeper and more informed understanding of others as they negotiate complex professional, environmental and social contexts.

3. Serving, In a Context of Christian Faith

Students will serve locally and/or globally in vocational and social settings.

COURSE LEARNING OUTCOMES

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

- 1. Students will demonstrate the ability to solve algebra problems.
- 2. Students will be able to perform basic loan computations.

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Elementary Algebra for College Students (10th Edition) by Allen Angel and Dennis Runde. Pearson Publishing ISBN:978-013-475900-5

NOTE: Students are responsible to have the required textbooks prior to the first day of class. Students are also encouraged to begin reading the books in preparation for the class as soon as possible.

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. 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.

COURSE CREDIT HOUR INFORMATION

Distribution of Student Learning Hours

It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their course work. The time expectations for this course are shown below:

Estimated Hours

Category	Time Expectation in Hours
Group Activities	7
Reading and Exam Preparation	38
Video Watching and Notes	26
Class Meetings	22
Homework	22
Total Hours	113

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) to view which states allow online (distance education) outside of California.

ASSESSMENT AND GRADING

Graded Components

- **Group Activities:** Each week you will have a small group activity. In many cases this can be completed in class and summarized by the group shortly after class. They are by midnight on the day after our class meeting.
- **Video and Questions**: Each week you will have some videos to watch. You will be expected to complete these videos and upload notes and problems by midnight the day before class.
- Homework: Homework will be assigned each week and the homework will be due online at midnight on Sundays.
- 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. 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 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.

Weighted Grades

Grading Distribution	Percent
Mid-Term Exams	30
Final Exam	25
Group Activities	5
Homework	25
Videos Notes and Problems	15
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 the Exams or the Final Exam in order to pass the class. That is, a score of 60% must be achieved on one of the Exams, or else the final 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

	A	В	С	D	F
+		87.5- 90	77.5-80	67.5-70	
	92.5 -100	82.5-87.5	72.5-77.5	62.5 -67.5	0-60
_	90-92.5	80-82.5	70-72.5	60-62.5	

INCOMPLETES AND LATE ASSIGNMENTS

All assignments are to be submitted by the due dates. Incompletes will only be assigned in extremely unusual circumstances.

PLNU COPYRIGHT POLICY

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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.

SPIRITUAL CARE

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

If you have questions, a desire to meet with the chaplain, or if you have prayer requests, you can contact the <u>Office of Student Life and Formation (https://www.pointloma.edu/offices/student-life-formation)</u>.

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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 (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 (mailto: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.

SEXUAL MISCONDUCT AND DISCRIMINATION

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the Title IX Office at pointloma.edu/Title-IX (https://pointloma.edu/Title-IX). Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu (mailto:counselingservices@pointloma.edu) or find a list of campus pastors at pointloma.edu/title-ix (http://pointloma.edu/title-ix)

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 deenrolled 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 <u>Academic Policies</u> (https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Class_Attendance) 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.

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 <u>Technology and System Requirements</u> (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.

ASSIGNMENTS AT-A-GLANCE

The course summary below lists our assignments and their due dates. Click on any assignment to review it.

Course Summary:

Date	Details	Due
Thu Dec 15, 2022	WK16 Class Meeting	to do: 6pm
	 	
	<u>Statement</u>	due by 11:59pm
	(https://canvas.pointloma.edu/courses/67859/assignments/88	<u>86528)</u>
Tue Jan 10, 2023		
	WK1 Videos, Video Notes,	
	and Pre-Class Assignment	due by 11:59pm
	(https://canvas.pointloma.edu/courses/67859/assignments/88	<u>66535)</u>

Date	Details	Due
Wed Jan 11, 2023	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139800&include_contexts=course_67859)	6pm to 7:45pm
	WK1 Class Meeting	to do: 6pm
Fri Jan 13, 2023	WK1 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm 5/886533)
Sun Jan 15, 2023	WK1 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm <u>(886534)</u>
Tue Jan 17, 2023	₩K2 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments)	due by 11:59pm <u>s/886554)</u>
Wed Jan 18, 2023	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139801&include_contexts=course_67859)	6pm to 7:45pm
	₩K2 Class Meeting	to do: 6pm
Fri Jan 20, 2023	₩K2 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments) (https://canvas.pointloma.edu/courses/67859/assignments/pointloma.edu/courses/67859/ass	due by 11:59pm 5/886552)
Sun Jan 22, 2023	WK2 Homework	due by 11:59pm <u>s/886553)</u>
Tue Jan 24, 2023	➡────────────────────────────────────	due by 11:59pm <u>s/886557)</u>

Date	Details	Due
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139802&include_contexts=course_67859)	6pm to 7:45pm
Wed Jan 25, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140102&include_contexts=course_67859)	6pm to 7:30pm
	™ WK3 Class Meeting	to do: 6pm
Fri Jan 27, 2023	₩K3 Group Activity (https://canvas.pointloma.edu/courses/67859/assignment)	due by 11:59pm :s/886555)
Sun Jan 29, 2023	₩K3 Homework (https://canvas.pointloma.edu/courses/67859/assignment)	due by 11:59pm
Tue Jan 31, 2023	<u>WK4 Videos, Video Notes,</u> and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm :s/886560)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139803&include_contexts=course_67859)	6pm to 7:45pm
Wed Feb 1, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140103&include_contexts=course_67859)	6pm to 7:30pm
	™ WK4 Class Meeting	to do: 6pm
Fri Feb 3, 2023	₩K4 Group Activity (https://canvas.pointloma.edu/courses/67859/assignment)	due by 11:59pm
Sun Feb 5, 2023		due by 11:59pm s/886559)
Tue Feb 7, 2023	<u>WK5 Videos, Video Notes,</u> and Pre-Class Assignment	due by 11:59pm

Date	Details	Due
	(https://canvas.pointloma.edu/courses/67859/assignments	s/886563 <u>)</u>
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139804&include_contexts=course_67859)	6pm to 7:45pm
Wed Feb 8, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140104&include_contexts=course_67859)	6pm to 7:30pm
	₩K5 Class Meeting	to do: 6pm
Fri Feb 10, 2023	WK5 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886561)
Sun Feb 12, 2023	WK5 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm <u>s/886562)</u>
Tue Feb 14, 2023	WK6 Videos, Video Notes, and Pre-Class Assignment - EXAM #1 REVIEW (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886564)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139805&include_contexts=course_67859)	6pm to 7:45pm
Wed Feb 15, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140105&include_contexts=course_67859)	6pm to 7:30pm
	₩K6 Class Meeting	to do: 6pm
	Exam 1 (https://canvas.pointloma.edu/courses/67859/assignments	due by 7:40pm ts/886530)
Tue Feb 21, 2023	WK7 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886567)

Date	Details	Due
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139806&include_contexts=course_67859)	6pm to 7:45pm
Wed Feb 22, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140106&include_contexts=course_67859)	6pm to 7:30pm
	WK7 Class Meeting	to do: 6pm
Fri Feb 24, 2023	WK7 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886565)
Sun Feb 26, 2023	WK7 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886566)
Tue Feb 28, 2023	WK8 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886570)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139807&include_contexts=course_67859)	6pm to 7:45pm
Wed Mar 1, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140107&include_contexts=course_67859)	6pm to 7:30pm
	₩K8 Class Meeting	to do: 6pm
Fri Mar 3, 2023	WK8 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886568)
Sun Mar 5, 2023	WK8 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886569)

Date	Details	Due
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139808&include_contexts=course_67859)	6pm to 7:45pm
Wed Mar 8, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140108&include_contexts=course_67859)	6pm to 7:30pm
Tue Mar 14, 2023	WK9 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm /886573)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139809&include_contexts=course_67859)	6pm to 7:45pm
Wed Mar 15, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140109&include_contexts=course_67859)	6pm to 7:30pm
	WK9 Class Meeting	to do: 6pm
Fri Mar 17, 2023	WK9 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm /886571)
Sun Mar 19, 2023	WK9 Homework	due by 11:59pm /886572)
Tue Mar 21, 2023	WK10 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm ./886538)

Date	Details	Due
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139810&include_contexts=course_67859)	6pm to 7:45pm
Wed Mar 22, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140110&include_contexts=course_67859)	6pm to 7:30pm
	₩K10 Class Meeting	to do: 6pm
Fri Mar 24, 2023	WK10 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886536)
Sun Mar 26, 2023	WK10 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886537)
Tue Mar 28, 2023	WK11 Videos, Video Notes, and Pre-Class Assignment - EXAM #2 REVIEW (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886539)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139811&include_contexts=course_67859)	6pm to 7:45pm
Wed Mar 29, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140111&include_contexts=course_67859)	6pm to 7:30pm
	WK11 Class Meeting	to do: 6pm
	Exam 2 (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886531)
Tue Apr 4, 2023	WK12 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886542)

Date	Details	Due
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139812&include_contexts=course_67859)	6pm to 7:45pm
Wed Apr 5, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140112&include_contexts=course_67859)	6pm to 7:30pm
	WK12 Class Meeting	to do: 6pm
Fri Apr 7, 2023	WK12 Group Activity (https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm
	WK12 Homework (https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm
Tue Apr 11, 2023	WK13 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm (s/886545)
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139813&include_contexts=course_67859)	6pm to 7:45pm
Wed Apr 12, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140113&include_contexts=course_67859)	6pm to 7:30pm
	™ WK13 Class Meeting	to do: 6pm
Fri Apr 14, 2023	<u>WK13 Group Activity</u> (https://canvas.pointloma.edu/courses/67859/assignment (https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm
Sun Apr 16, 2023	(https://canvas.pointloma.edu/courses/67859/assignment	due by 11:59pm
Tue Apr 18, 2023	<u>WK14 Videos, Video Notes,</u> <u>and Pre-Class Assignment</u>	due by 11:59pm

Date	Details	Due
	(https://canvas.pointloma.edu/courses/67859/assignments	s/886548 <u>)</u>
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139814&include_contexts=course_67859)	6pm to 7:45pm
Wed Apr 19, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140114&include_contexts=course_67859)	6pm to 7:30pm
	™ WK14 Class Meeting	to do: 6pm
Fri Apr 21, 2023	WK14 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886546)
Sun Apr 23, 2023	WK14 Homework (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm s/886547)
Tue Apr 25, 2023	WK15 Videos, Video Notes, and Pre-Class Assignment (https://canvas.pointloma.edu/courses/67859/assignments	due by 11:59pm <u>s/886551)</u>
	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139815&include_contexts=course_67859)	6pm to 7:45pm
Wed Apr 26, 2023	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140115&include_contexts=course_67859)	6pm to 7:30pm
	WK15 Class Meeting	to do: 6pm
Fri Apr 28, 2023	₩K15 Group Activity (https://canvas.pointloma.edu/courses/67859/assignments) WK15 Group Activity WK15 Group Activity WK15 Group Activity WK15 Group Activity WK15 WK15 Group Activity WK15	due by 11:59pm <u>(886549)</u>

Date	Details	Due
Sun Apr 30, 2023	End-of-Course Evaluation (https://canvas.pointloma.edu/courses/67859/assignments/886	due by 11:59pm 529)
	WK15 Homework (https://canvas.pointloma.edu/courses/67859/assignments/886	due by 11:59pm 550)
Wed May 3, 2023	MTH0099-1 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=139816&include_contexts=course_67859)	6pm to 7:45pm
	MTH0099-2 SP23 - Elementary Algebra (https://canvas.pointloma.edu/calendar? event_id=140116&include_contexts=course_67859)	6pm to 7:30pm
	Final Exam (https://canvas.pointloma.edu/courses/67859/assignments/886	due by 8:40pm