Fall Semester 2022

Meeting days: Wednesday	**Instructor:** Prof. Aceneth Foster
Meeting time:	
6:00 PM - 7:30 PM	**Phone:** 619-849-2604
Meeting location: Latter Hall 102	**Email: afoster@pointloma.edu**

Final Exam Date and Time:
Wednesday 14-Dec-2022 from 7:30
to 10:00 pm

Office Hours	Before and after class in RS210

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.

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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

MTH 1013 - College Algebra (3)

A review and extension of elementary algebra, solutions of linear and quadratic equations, radicals, inequalities, linear and quadratic functions, polynomial functions, exponential and logarithmic functions, conic sections, sequences and series and graphing.

Prerequisite(s): MTH 0099 (or equivalent).

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 be able to solve problems using linear equations, inequalities, graphs, and functions.
2. Students will be able to solve systems of linear equations.
3. Students will be able to solve problems using polynomials and factoring.
4. Students will be able to solve problems using logarithms.
5. Quantitative Reasoning: Students will be able to solve problems that are quantitative in nature (FELO 1e).

Assessment method: Homework and exams.

FOUNDATIONAL EXPLORATIONS LEARNING OUTCOMES

GELO 1e. Quantitative Reasoning: Students will be able to solve problems that are quantitative in nature.

Assessment method: Homework and exams.

REQUIRED TEXTS AND RECOMMENDED STUDY RESOURCES

Intermediate Algebra, 13th Edition
Margaret L. Lial, John Hornsby, and Terry McGinnis

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.

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.

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 fifteen weeks. Specific details about how the class meets the credit hour requirement can be provided upon request. (Based on 37.5 hours of student engagement per credit hour.)

Distribution of Student Learning Hours	
Category	**Time Expectation in Hours**
Reading and Exam Preparation	30
Homework	42
Video Watching and Notes	24
Class Meetings	23
Total Hours	119

ASSESSMENT AND GRADING

Graded Components

- **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 Tuesday night.
- **Homework**: Homework will be assigned each week and the homework will be due in class at the start of class on Wednesday.
- **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.

Grading Distribution	Percent
Mid-Term Exam	25
Final Exam	30
Homework	30
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 Exam 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	B	C	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	

LATE ASSIGNMENTS

All assignments are to be submitted by the due dates. Assignments will be considered late if submitted after the due date and time using Pacific Standard Time. Late assignments will receive a grade of 0.

PLNU COPYRIGHT POLICY

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

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 PoliciesLinks to an external site.](#) 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 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.

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 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* Links to an external site. 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 requires 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

Fall 2022   MTH1013 Calendar

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
Aug	28 WK 1	(blank)	30	31 Introduction to this Hybrid Course (Workflow of the Course)	1	2	3 Read: R1-R4, 1.1, 1.2, 1.3, 1.4 Videos: 1.1, 1.2, 1.3, 1.4
September	4 WK 2	5 **Labor Day**	6 Due: VNotes: 1.1-1.4	7 Class: 1.1, 1.2, 1.3, 1.4 Due: Homework #1: R1, R2, R3, R4	8	9	10 Read: 1.5, 1.6, 1.7 Videos: 1.5, 1.6, 1.7
	11 WK 3	12 Due: VNotes: 1.5, 1.6, 1.7	13	14 Class: 1.5, 1.6, 1.7 Due: Homework #2: 1.1, 1.2, 1.3, 1.4	15	16	17 Read: 2.1, 2.2, 2.3, 2.4 Videos: 2.1, 2.2, 2.3, 2.4
	18 WK 4	19 Due: VNotes: 2.1, 2.2, 2.3, 2.4	20	21 Class: 2.1, 2.2, 2.3, 2.4 Due: Homework #3: 1.5, 1.6, 1.7	22	23	24 Read: 2.5, 2.6, 3.1 Videos: 2.5, 2.6, 3.1
	25 WK 5	26 Due: VNotes: 2.5, 2.6, 3.1	27	28 Class: 2.5, 2.6, 4.1 Due: Homework #4: 2.1, 2.2, 2.3, 2.4	29	30	1 Read: 4.1, 4.2, 4.3, 4.4 Videos: 4.1, 4.2, 4.3, 4.4
October	2 WK 6	3 Due: VNotes: 4.1, 4.2, 4.3, 4.4	4	5 Class: 4.1, 4.2, 4.3, 4.4 Due: Homework #5: 2.5, 2.6, 3.1	6	7	8 Read: 4.5, 4.6, 5.1, 5.2 Videos: 4.5, 4.6, 5.1, 5.2
	9 WK 7	10 Due: VNotes: 4.5, 4.6, 5.1, 5.2	11	12 Class: 4.5, 4.6, 5.1, 5.2 Due: Homework #6: 4.1, 4.2, 4.3, 4.4	13	14	15 **Review for the Exam**
	16 WK 8	17	18	19 **Exam**	20	21 Fall Break	22 Read: 5.3, 5.4, 5.5, 6.1 Videos: 5.3, 5.4, 5.5, 6.1

	Sun	Mon	Tues	Wed	Thurs	Fri	Sat
October	23 WK 9	24 **Spiritual Renewal Week** Due: VNotes: 5.3, 5.4, 5.5, 6.1	25	26 **Spiritual Renewal Week** Class: 5.3, 5.4, 5.5, 6.1 Due: Homework #7: 4.5, 4.6, 5.1, 5.2	27	28	29 Read: 6.2, 6.3, 6.4, 7.1 Videos: 6.2, 6.3, 6.4, 7.1
	30 WK 10	31 Due: VNotes: 6.2, 6.3, 6.4, 7.1	1	2 Class: 6.2, 6.3, 6.4, 7.1 Due: Homework #8: 5.3, 5.4, 5.5, 6.1	3	4	5 Read: 7.2, 7.3, 7.4, 7.5 Videos: 7.2, 7.3, 7.4, 7.5
November	6 WK 11	7 Due: VNotes: 7.2, 7.3, 7.4, 7.5	8	9 Class: 7.2, 7.3, 7.4, 7.5 Due: Homework #9: 6.2, 6.3, 6.4, 7.1	10	11	12 Read: 8.1, 8.2, 8.3, 8.4 Videos: 8.1, 8.2, 8.3, 8.4
	13 WK 12	14 Due: VNotes: 8.1, 8.2, 8.3, 8.4	15	16 Class: 8.1, 8.2, 8.3, 8.4 Due: Homework #10: 7.2, 7.3, 7.4, 7.5	17	18	19 Read: 8.5, 9.1, 9.2 Videos: 8.5, 9.1, 9.2
	20 WK 13	21	22	23 Thanksgiving Recess	24	25	26
	27 WK 14	28 Due: VNotes: 8.5, 9.3, 9.4	29	30 Class: 8.5, 9.3, 9.4 Due: Homework #11: 8.1, 8.2, 8.3, 8.4	1	2	3 Read: 9.3, 9.4, 9.5, 9.6 Videos: 9.3, 9.4, 9.5, 9.6
December	4 WK 15	5 Due: VNotes: 9.3, 9.4, 9.5, 9.6	6	7 Class: 9.3, 9.4, 9.5, 9.6 Due: Homework #12: 8.5, 9.3, 9.4	8	9	10 **Review for Final Exam**
	11 WK 16	12	13	14 **Final Exam** **7:30 – 10:00 PM** Due: Homework #13: 9.3, 9.4, 9.5, 9.6	15	16	17