

SYLLABUS AND COURSE INFORMATION
MATH 60 SECTION 32599 INTERMEDIATE ALGEBRA ONLINE

INSTRUCTOR INFORMATION

Instructor: Craig Chamberlin
Office Hours: 1:15-3:40 pm M, 1:15-3:00 pm W
Email: cchamberlin@palomar.edu
Web page: <http://www2.palomar.edu/users/cchamberlin>

Office: F-5
Phone: (760) 744-1150 x3276

COURSE DESCRIPTION

Text: *Intermediate Algebra: Concepts and Applications* 10th ed., Bittinger and Ellenbogen.

Prerequisites: Eligibility determined through the math placement process.

Course content: Chapters 2-10.4, omitting sections 3.5-3.8, 4.5, 6.7, and 9.7.

Course Objectives:

1. Identify the difference between a function and a relation.
2. Analyze linear, quadratic, rational, exponential, and logarithmic functions from a graphic, numeric, and analytic perspective.
3. Analyze and solve linear and nonlinear systems of equations and linear and nonlinear inequalities.
4. Analyze and solve applied problems using linear, quadratic, exponential, and logarithmic functions.
5. Analyze and apply properties of rational exponents.
6. Apply critical thinking and mathematical reasoning skills necessary in algebraic problem solving.

Course SLOs

1. Students will solve algebraic equations.
2. Students will graph linear, quadratic, exponential, and logarithmic functions.

BASIS FOR EVALUATION:

	<u>% OF POINTS</u>	<u>LETTER GRADE</u>
1. Three on-campus tests will be 60% of your grade.	90-100	A
2. Online Homework will be 10% of your grade.	80-89	B
3. Online Quizzes will be 10% of your grade.	70-79	C
4. A comprehensive, on-campus final exam will be 20% of your grade.	60-69	D
	0-59	F

COURSE INFORMATION

Calculators: You need at least a scientific calculator to successfully complete this course. However, calculators that perform symbolic calculations (like the TI-89) and smart phone calculators are strictly prohibited on tests.

Homework: Homework and quizzes will be done online using MyLab Math (a.k.a. MyMathLab).

- Work load:** Most students should spend at least 14 hours per week working on this class.
- Tutoring:** You can get additional help at the Mathematics Learning Center, located in MC-1.
- Testing:** On-campus tests are administered in the Mathematics Learning Center (MC-1). **You must bring a photo ID.** A test must be taken some time during the week that it is scheduled. Testing is available Monday through Thursday from 8:10 am to 7:10 pm and Fridays 8:10 am to 1:10 pm. Get there early so you have the full amount of allotted time to finish the test. Also, don't wait until the last day to take an exam because seating is limited.
- Makeup:** On-campus tests and online quizzes must be taken before their respective deadlines. You will have an entire week to take a test, and even longer to take a quiz. Late online homework is accepted with a 10% penalty in score.
- Withdrawal:** It is the responsibility of the student to withdraw from a class. Note that Sunday, March 29 is the last day to withdrawal for a grade of "W."
- Disabled Students:** If you require accommodations for a disability, please let me know and contact Disabled Student Programs & Services at extension 2375.
- Academic Integrity:** Students are expected to adhere to the Palomar College Code of Conduct. Cheating will not be tolerated, and an offender will earn a score of 0 on the relevant work.

Tentative Weekly Schedule

Week Starting Dates (Mondays)	Activities
Jan 27	Beginning Algebra Review, 2.1-2.3
Feb 3	2.4-2.6, 3.1, 3.2
Feb 10	(Holiday on Friday) 3.3, 3.4, 4.1-4.3
Feb 17	(Holiday on Monday) 4.4, Test 1 , 5.1
Feb 24	5.2-5.6
March 2	5.7, 5.8, 6.1-6.3
March 9	6.4-6.8
March 16	Test 2
March 23	Spring Break!
March 30	7.1, 7.2, 7.3, 7.4
April 6	7.5, 7.6, 7.7, 7.8
April 13	8.1, 8.2, 8.3, 8.4
April 20	8.5, Test 3 , 8.6
April 27	(Holiday on Monday) 8.7, 8.8, 8.9, 9.1
May 4	9.2, 9.3, 9.4, 9.5
May 11	9.6, 10.1-10.4
May 18	Finish up, Final Exam