Welcome to MATH 1215X.501: Intermediate Algebra Fall 2026 (Lecture Class)

Class Information

Instructor
Cindi Goodman
cyndia@unm.edu
Office: LRC 109 and
Zoom scheduled times

Class Details:
Mon/Wed 10:30am – 11:20pm
VACTC 108
CRN 70506

Student Help Hours:
Mon, Tues, and Wed-- in person
9:00-10:00 am
Mon– in person and online
1:30-2:30 pm
or by appointment

Zoom link:
https://unm.zoom.us/j/94393422801
Passcode: mathhelp

MECS Division Chair:
Andy Taylor
ataylor19@unm.edu

Get to Know Your Professor

Hi! I am Cindi Goodman, your instructor for this course and Assistant Professor of Mathematics here at UNM-Valencia. I was a full-time tutor for over 9 years specializing in math and have been teaching math at UNM Valencia since 2014. I have a bachelor's degree in pure mathematics and a master's degree in mathematics and education. My role as your instructor is to help you grow in critical thinking, problem solving, collaboration, and understanding concepts in mathematics. We are here to learn together!

"The only way to learn mathematics is to do mathematics." – Paul Halmos

Course Description

Math 1215 is a study of linear and quadratics functions, an introduction to polynomial, absolute value, rational, radical, exponential, and logarithmic functions. Development of strategies for solving single variable equations and contextual problems. This course is part 1 of Math 1215.
Note: Math 1215Y (second four weeks) and Math 106 are corequisites and you must be registered for all 3 classes.

Credit-hour statement:

This is a one-credit-hour course. Class meets for two 50-minute sessions of direct instruction for the first four weeks during the Fall 2026 semester.

Prerequisites

Appropriate placement score or a grade of C or better in Math 100 or Math 022 or FYEX 1010 or ISM 100 or ACT Math =>18 or SAT Math Section =>490 or ACCUPLACER Next-Generation Advanced Algebra and Functions =>228, or QRAS=>248, or Arithmetic=>285, or LCPMAS score 4-5. Check with your adviser to make sure you meet the requirements.

Student Learning Outcomes

Students will build on their knowledge of linear and quadratic functions and will begin to build an understanding of absolute value, polynomial, rational, power, radical, exponential and logarithmic functions in the following contexts: ***Completing Math 1215 meets the prerequisites for Math 1130, Math 1350, Math 1220, and some science classes.***

1. Demonstrate appropriate use of basic function language and notation.
2. Convert between equivalent forms of algebraic expressions.

3. Solve single-variable equations of the types listed above.
4. Interpret and communicate algebraic solutions graphically and numerically.
5. Demonstrate contextual problem-solving skills that include setting up and solving problems and interpreting solutions in context.
6. Apply appropriate problem-solving methods from among algebraic, graphical, and numerical.

Course Materials

Textbook: "Developmental Mathematics," 2nd edition, by Sullivan, Struve, Mazzarella. You will access the E-text and online homework assignments through the Access Pearson courseware link in Canvas, do not opt out or purchase the book or code elsewhere. You will be charged through your Bursar's account.
Optional: You may "upgrade" your access by purchasing a hard copy of the book directly from Pearson for an additional cost (between $50 and $60 before tax). There will be copies of the book on reserve for use in the tutoring center (you will not be able to take the book home).

Other Requirements

- Reliable access to a computer or tablet, and Internet. A computer (laptop or desktop) is recommended. Preferred browsers are Chrome, Firefox, or Safari. The preferred operating systems are Windows or Apple.
- Administrative rights to download free software or plug-ins or add-ons on the computer you plan to use for this course. The first time you log in to the MyMathLab (MML) homepage, run the Installation Wizard to ensure you have all the appropriate software installed. Also, make sure you are allowing popups.
- Access to UNM Canvas requires you to use your UNM NetID to log into UNM Canvas. You may access it directly via canvas.unm.edu
- Adobe Reader (a free download), preferably version 11.0 or better

Expectations

- Students are expected to conduct themselves in a polite, courteous, professional, and collegial manner. When participating in discussions or interacting with me or other students, be respectful at all times.
- Students are expected to complete all online unit assignments by 11:59 pm Tuesday of each week. Problems with the internet, Canvas, or MML are not excuses for turning in late work, as you have an entire week to complete the assignments.
- Time for This Course: Plan to spend a *minimum* of 6 to 9 hours per week for this class. There is no guarantee you will pass if you dedicate this amount of time, you still need to learn the material and use your time wisely, but those who pass generally are the ones who spend the time needed to do the work to learn the material.

Absences: There are no excused absences. It is your responsibility to make up anything you miss and to turn in assignments on time or before the due date.

Here are the reasons I may drop you from the class:
- If you miss the first week of the semester.
- If you are not registered in MML and completing assignments by the end of the first week you are in the class.
- You are not registered for Math 1215Y and Math 106

Attendance / Participation

You are expected to be on time for class, stay the entire class, have the necessary course materials on hand, and participate in class activities to receive full credit for attendance and participation. If you know you will be absent, please let me know by email. Make arrangements with me or your teammates to make up any work you may miss. That is your responsibility!

Guided Notes

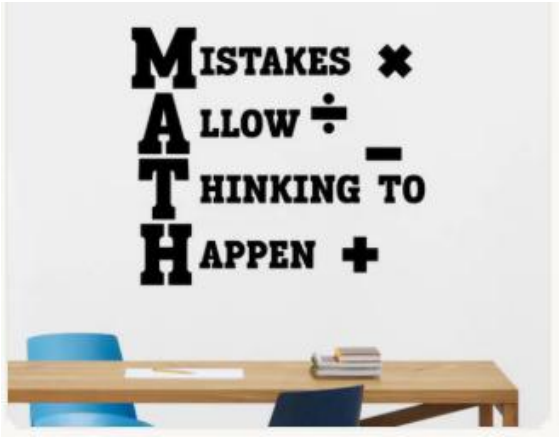
There are 4 units in this course and there is a set of guided notes for each unit. Read the e-text, watch the instruction videos and review the PowerPoint presentations available in Canvas to help complete these notes. The Guided notes are due at the beginning of class on the day they are due and will NOT be accepted late.

Online My Math Lab Homework

Homework is assigned every week based on the 4 units in the course outline. Weekly assignments in MML must be completed by 11:59 pm on the day it is for full credit. The online homework cannot be made up! Each online homework assignment is worth 10 points.
DO NOT consider any of the grades posted in My Math Lab as representing your actual grade.

Unit Quizzes

Each unit will have a quiz to be completed at the beginning of class (15 minutes). You are allowed one 3 X 5 notecard front and back for the quiz, you cannot use a calculator or any other notes. The quizzes will be returned to you to use as study material for the final exam. Quizzes cannot be made up, so if you know you will miss class, make arrangements with me to take the quizzes ***BEFORE*** the class you will miss. You can make corrections on a quiz to earn half credit missed. You must meet with a tutor to make corrections and do an analysis of problems missed.



- One visit to my office is required during the first two weeks of class and counts as a quiz grade.

- Bonus points: You can earn up to 5 bonus points on the final exam by attending and documenting tutor sessions. Just complete the form and turn in to me when you take the exam.

Late Policy:

All online work is to be submitted by 11:59 pm on the day it is due. The guided notes must be turned in by the beginning of class on the day they are due. No work will be accepted more than a week after the due date. You are allowed two (2) late passes for the semester. Let me know what assignment you want to use the late pass for. Once the 2 passes are used, no late work will be accepted, so use your passes wisely! Exams cannot be made up!

Final Exam

The final is a departmental exam that will test all, or nearly all, of the learning objectives for this course. You are allowed a 3 X 5 notecard front and back for the final exam, no calculator or any other notes are allowed. You cannot do corrections on the final exam. You are allowed to take the final exam only once. You must have a 70% course average to earn a passing grade, but this should not be a problem if you have been completing your work and showing progress.

- There is a final exam review in Pearson MyMathLab that is required and is part of your final grade.

Support

If you are struggling in this course, do not be afraid to ask for help!

- Ask My Instructor: Please use the Ask My Instructor button in MyMathLab. This button is available in the computational assignments and the final exam review and sends a message to my email with a link to the question. Do not just send the link; tell me where in the problem you are struggling.
- Office Hours: See my Student Hours (Instructor-led study sessions) listed at the beginning of this syllabus. Feel free to come by or log in for online office hours or make an appointment to get help.
- Form study groups: You may work together with other members of our class.
- Free Tutoring: The Math Center at Valencia campus has free tutoring and open labs. Call 505-925-8907 for more information. CAPS on main campus also provides tutoring for which I can get documentation.
- Student Services: There are various services provided in our Student Services Department. See below about equal access. Also, we have a testing center, advising, and career placement available: Valencia Student Services

Instructor Response Time

I routinely check the course for postings or emails, Monday (7 am) – Friday (noon), and sometimes on the weekend. You can anticipate a 24 to 48-hour response from me, Monday – Thursday. I will try and respond to all weekend (Friday afternoon to Sunday) emails and postings by noon on Monday or earlier. I prefer all communication through UNM Canvas.

Course Averages

Guided Notes	15%
Unit Quizzes	25%
Online Homework	15%
Final Exam Review	5%
Final Exam (Cumulative—units 1-12)	40%
Total	100%

***You must have a course average of 70% or better to earn a passing grade in the course.**

Grading Scale:

Letter Grade	Course Weighted Average
A	90% or better
B	80% to 89%
C	70% to 79%
D/NC	50% to 69%
F/NC	Less than 50%

In the case where a student is unsuccessful in the course, if a grade is required for financial aid, please inform the professor.

Semester Deadlines

Fall 2026– 1st-eight weeks class

- Monday, August 17 First day of class, classes available in UNM Canvas
- Friday, August 21: Last day to add a class or to change credit hours or grade mode in LoboWEB.
- Friday, September 4: Last day to drop without "W" grade and with 100% refund on LoboWEB
- Monday, September 7, Labor Day---No Class
- Friday, September 25: Last day to drop *without* Dean's permission on LoboWEB. Will receive a "W" grade and will be responsible for tuition for the course.
- Friday, October 9: Last day to drop with the permission form.
- Final Exam: Wednesday, October 7, 10:30 am-12:30 pm

Connecting to Campus and Finding Support

UNM has many resources and centers to help you thrive, including opportunities to get involved, mental health resources, academic support such as tutoring, resource centers for people like you, free food at Valencia Campus Food Pantry, and jobs on campus. Your advisor, staff at the resource centers and Academic Affairs Office, and I can help you find the right opportunities for you.

Campus Support

PASOS Resource Center (505) 925-8546, mailto:pasos@unm.edu. The Resource Center is an on-campus center that serves as a "one-stop" for all non-academic needs of UNM-Valencia students.

Wellness

If you do need to stay home due to illness or are experiencing a wellness challenge, please take advantage of the resources below. You can communicate with me through Canvas; I can work with you to provide alternatives for course participation and completion. Let me, an advisor, or another UNM staff member know that you need support so that we can connect you to the right resources. UNM is a mask friendly, but not a mask required, community. If you are experiencing COVID-19 symptoms, please do not come to class.

For Military Connected Students

There are resources on campus designed to help you succeed. You can approach any faculty or staff for help with any issues you may encounter. Many faculty and staff have completed the GREEN ZONE training to learn about the unique challenges facing military-connected students. If you feel that you need help beyond what faculty and/or staff can give you, please reach out to the Veterans Resource Center on main campus at 505-277-3181, or by email at vrc@unm.edu. The Veterans Coordinator at UNM-Valencia is in the Student Services Office, at 505-925-8560.

Land Acknowledgement

Founded in 1889, the University of New Mexico sits on the traditional homelands of the Pueblo of Sandia. The original peoples of New Mexico Pueblo, Navajo, and Apache since time immemorial, have deep connections to the land and have made significant contributions to the broader community statewide. We honor the land itself and those who remain stewards of this land throughout the generations and also acknowledge our committed relationship to Indigenous peoples. We gratefully recognize our history.

University Policies

Accommodations

UNM is committed to providing equitable access to learning opportunities for students with documented disabilities. As your instructor, it is my objective to facilitate an inclusive classroom setting, in which students have full access and opportunity to participate. To engage in a confidential conversation about the process for requesting reasonable accommodations for this class and/or program, please contact Accessibility Resource Center at arcsrvs@unm.edu or by phone at 505-277-3506. The UNM-Valencia Equal Access Services (Sarah Clawson, Coordinator), at (505) 925-8840 or by email at sjclawson@unm.edu.

Title IX

Our classroom and university should always be spaces of mutual respect, kindness, and support, without fear of discrimination, harassment, or violence. If you ever need assistance or have concerns about incidents that violate this principle, please access campus support resources. These include confidential services at LoboRESPECT Advocacy Center, the Women's Resource Center, and the LGBTQ Resource Center. The University of New Mexico prohibits discrimination on the basis of sex (including gender, sex stereotyping, gender expression, and gender identity). UNM faculty and graduate teaching assistants are considered "responsible employees." "Responsible employees" must communicate reports of sexual harassment, sexual misconduct and sexual violence to Compliance, Ethics and Equal Opportunity. For more information on the campus policy regarding sexual misconduct, reporting, and reporting for "responsible employees," please see UAP 2720 and UAP 2740.

If you are pregnant or experiencing a pregnancy-related condition, you may contact UNM's Office of Compliance, Ethics, and Equal Opportunity at ceeo@unm.edu. The CEEO staff will provide you with access to available resources and supportive measures and assist you in understanding your rights. Pregnancy and Parenting Support information is available here.

Academic Integrity

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy:
https://policy.unm.edu/regents-policies/section-4/4-8.html. The policy states:
Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic Dishonesty is defined as

"Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

Math 1215X: Intermediate Algebra Part 1 (Fall 2026) (*Course outline is subject to change)*

Week	Dates	Sections / Topics	Written Assignments, MML, and quizzes due
1	8/17-8/19	*Introduction* *Unit 1: Sects: 8.3, 8.4, 8.6*	All assignments are due at the beginning of class on Wednesday of the unit week. Online homework for the unit is due by 11:59 pm on Tuesday.
2	8/24-8/26	*Unit 1: Sects: 8.3, 8.4, 8.6* *Unit 2: Sects: 8.8, 9.1, 9.2, 9.3*	**Unit 1** MML online 8/25 Guided notes 8/26 Unit 1 quiz 8/26
3	8/31-9/2	*Unit 2: Sects: 8.8, 9.1, 9.2, 9.3*	
4	9/9 **No class on Monday**	*Unit 3: Sects: 9.4, 9.5, 9.6*	**Unit 2** MML online 9/8 Guided notes 9/8 Unit 2 Quiz 9/9
5	9/14-9/16	*Unit 3: Sects: 9.4, 9.5, 9.6*	
6	9/21-9/23	*Unit 4: Sects: 10.1, 10.2, 10.3*	**Unit 3** MML online 9/22 Guided notes 9/23 Unit 3 Quiz 9/23
7	9/28-9/30	*Unit 4: Sects: 10.1, 10.2, 10.3* *Review for Final exam*	**Unit 4** MML online 9/29 Guided notes 9/30 Unit 4 Quiz 9/30 Final Exam Review 10/6
8	10/5-10/7	*Final Exam, Wednesday, October 7* *10:30 am – 12:30 pm*	