

Instructor: Precious Andrew
Office: Online via Zoom or email

email: pandrew@unm.edu

Office Hours/Study Sessions: Most Mondays and Wednesdays 1:15-2:45, most Tuesdays and Thursdays 12:00-1:30 or by appointment
MECS Division Chair: Elaine W. Clark ewclark@unm.edu

Sect.	CRN	Meeting Times	MML Course Code
504	51128	Online via Zoom Tuesdays and Thursdays 10:30am-11:20am	andrew56025

Course Description

This 1-credit-hour course includes the first third of an Intermediate Algebra course including problems in ratio and proportion, unit conversions, solving linear equations and problems modeled by these, finding equations for lines and graphing them, working with formulas, and scientific notation. In order to receive transfer credit for MATH 1215, all courses in this sequence (MATH 1215X, MATH 1215Y, MATH 1215Z) must be taken and passed.

Textbook: Ebook in MyMathLab - Developmental Mathematics, 2nd Edition, Sullivan, Struve, Mazzarella.

MyMathLab (MML) access code required. The code is book specific. It's suggested you buy a code with at least 24 months access since you'll most likely be using MML in Math 1215Y/1220 also.

Calculator: You may use a 4-function basic calculator (**not a scientific or graphing calculator**) for assignments and exams.

Pre/Corequisites: Prerequisite: (MATH 021 and MATH 022) or MATH 100 or FYEX 1010 or ISM 100 or ACT Math =>17 or SAT Math Section =>460 or ACCUPLACER Next-Generation Advanced Algebra and Functions =218-238. Corequisite: 1215Y.

Grades:	Your grade will be based on the following allocation of points.	
	Written Homework	35%
	MyMathLab Online Homework	20%
	One Written Project	10%
	Cumulative Final Exam	35%
	Total	100%

***You must score at least a 70% on the final exam and have a course average of 70% or better to earn a passing grade in the course.**

How Grades Are Determined:

Depending on the grading option you have chosen, your final course letter grade will be determined as shown:

A+: 97-100%	A: 93-96%	A-: 90-92%	B+: 87-89%	B: 83-86%	B-: 80-82%
C+: 77-79%	C: 73-76%	C-: 70-72%	NC: Any score on the final and less than 70% course weighted average OR less than 70% on the final exam and any course average		

(If you choose CR/NC mode at the start of the semester,

CR: 70% or better on final **and** 70% or better course weighted average

NC: Any score on the final and less than 70% course weighted average OR less than 70% on the final exam and any course average)

Course Format:

1 - You will be attending/watching online lectures during the scheduled meeting time. These must be attended in their entirety just as if you were in a classroom lecture. You must take careful notes on each and every example from each lecture. You will write down every example and all steps I show to reach a solution. These notes should be labeled clearly, organized, and neat and clear. I will be grading the lecture notes for both completeness and neatness. **You will submit these lecture notes once per week (via the 106 class in Learn) – on Fridays, for a grade.** You'll be submitting these via UNM Learn. They must be submitted as one readable pdf file.

2 – You will submit written homework once per week – on Fridays. These problems are listed in the right column of the schedule on the last page of this document. These problems are from your Etextbook and must be organized and labeled, all work and steps must be shown, and must be presented consecutively, clearly, and legibly. I will be grading the written homework for the correct answer, all steps, and for neatness and legibility. You'll be submitting via UNM Learn. Homework must be submitted as one readable pdf file.

3 - You will submit online homework through MyMathLab. The due dates are listed in the program and you are responsible for keeping up with these.

4 - You will submit one homework project via UNM Learn. The due date is listed on the schedule. You'll be submitting via UNM Learn. This must be submitted as one readable pdf file.

5. You will submit a cumulative final exam. You must take this during the scheduled time. This will be submitted via MyMathLab with your supporting work submitted via UNM Learn in pdf format. See the schedule for the projected exam date. **You must score at least a 70% on the final exam and have a course average of 70% or better to earn a passing grade in the course.**

Late work is not accepted. Instead, to account for absence, technology issues, etc., **I will drop two low scores from the written homework category.** With this in mind, I will not be extending deadlines, re-grading online homework, or considering excuses regarding technology issues, etc. **You should submit assignments early and contact me with any issues.** That way we can resolve the problem before the item is due.

Course Student Learning Outcomes:

Upon successful completion of the course, students will be able to:

- A. Demonstrate appropriate use of basic function language and notation.
 1. Communicate or present mathematical concepts using correct mathematical notation and terminology.
- B. Convert between equivalent forms of algebraic expressions.
 1. Rewrite line equations in different forms (slope-intercept, point-slope, standard)
- C. Solve single-variable equations of the types listed above.
 1. Solve for a single variable in a proportion.
 2. Solve for a single variable in a linear equation.
 3. Solve for a specified variable in a formula.
- D. Interpret and communicate algebraic solutions graphically and numerically.
 1. Determine equations for lines in the three forms – slope-intercept and point-slope.
 2. Sketch the graphs of linear functions.
 3. Interpret slope in relation to variable coefficients and as a rate of change.
 4. Graph linear inequalities in one variable on a number line and write corresponding interval notation.
- E. Demonstrate contextual problem-solving skills that include setting up and solving problems and interpreting solutions in context.
 1. Determine linear equations from application problems and solve.
 2. Set up a linear proportion from an application problem and solve.
 3. Analyze solutions to application problems and give them contextual meaning.
- F. Apply appropriate problem-solving methods from among algebraic, graphical, and numerical.
 1. Perform unit conversions.
 2. Solve linear inequalities in one variable.
 3. Simplify expressions written in scientific notation.
 4. Simplify multiplication and division problems using scientific notation.
 5. Apply solution methods learned to application problems

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. Preferred operating systems are Windows or Apple. Some applications in MyMathLab work best while using Google Chrome, but make sure your Chrome browser is up to date.
- Adobe Reader and Adobe Flash Player. These two programs are needed to have full access to resources provided in MyMathLab. **Also, make sure you are allowing popups.**
- Pearson account. If you have used any of the Pearson My Lab products before, you can use the same account you created the first time you used it. Otherwise, you can create an account when you register in MyMathLab (MML) for this class. Register by going to mymathlab.com.
- Access to UNM Learn. You will use your UNM NetID to log into UNM Learn. You may access it directly via learn.unm.edu
- Basic 4 function calculator. This **cannot** be an app on your cell phone or mobile device.

Here are some of the reasons you may be dropped from the class:

- If you miss the first week of the semester – never log into UNM Learn or communicate with the instructor.
- If you show minimal progress during the first three weeks of the semester. Minimal progress can be defined as
 - Not having purchased access to the MML portion of the class and 14 day trial has expired.
 - Not watching instructional videos.
 - Not submitting lecture notes or written homework.
- If you are not registered in MML and completing assignments by the end of the first week.
- If you don't submit 3 or more assignments (homework, lecture notes, projects, etc.)

If you added late, documentation of absences starts the day you registered for the class.

Expectations: Students are expected to conduct themselves in a polite, courteous, professional, and collegial manner in any online communications with the instructor or other students. Students are expected to do their own work on the assignments and tests. Students are expected to set aside dedicated time each week to work on their assignments. Students are expected to stay up with posted deadlines for this course.

Time for This Course: Plan to spend a *minimum* of 12 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. **Make a schedule now** and dedicate specific times during the week for this class. Do not lump this time all on the weekend, you need to give your mind time to absorb the new material, so space the time you dedicate to this class over three or five days per week. Your instructor may ask for you to submit a calendar showing how you plan to schedule time for this class.

Online Homework in Mymathlab and Written Homework:

- Online homework is assigned in MML with due dates based on the schedule. You will need to complete the assignments in MML by the deadlines listed in the program.
- Written homework can be found at the end of each of the sections in your book. You will need to access your etext through MML (unless you chose to upgrade and have a hard copy of the book). Complete these by hand and be sure to show all of your work with your solutions. You will need access to a scanner or a scanner app on a smartphone to submit these assignments.

Do not consider any of the grades posted in MyMathLab as representing your actual grade. Because there are written assignments you will be submitting Learn that are not part of the MML gradebook, those grades can be misleading. Use the gradebook in MML only to check your online homework and review what you missed.

Projects:

You will have one project to complete during this course. If submissions are nearly identical, all students involved may lose points. The project counts for 10% of your course grade.

Final Exam:

Your final exam will occur at the end of the course (in October). Your final exam will be cumulative (include topics from the entire course). **The exam is taken in MyMathLab but you must submit your written (pencil-paper) work for all exam questions as a PDF file in Learn.** You can use a basic 4-function calculator on the exam. Even if your final answer to a problem is correct, **if there is no work or explanation to support your solution you will NOT receive full credit for that question.** Some formulas will be provided for the exam.

Because this class is fully online, this exam will be administered in the following way:

- The exams will appear in MyMathLab at the designated times.
- You will complete the exam and submit your answers in MyMathLab, but you must write down every question and all of your work to reach your answer on your own paper. Be sure to number the problems clearly and indicate which work goes with which problem. All work needs to be shown and to be neat, clear, and in order or you will not receive credit. **You will be submitting the exam in two places then – the answers alone in MyMathLab, your work as a pdf file in Learn.**
- Be sure to time yourself. You will need to complete the exam in MyMathLab and also upload your pdf with supporting work in Learn in the allotted time.
- **Sign the honor statement that came with your exam. If a signed honor statement is not returned with the exam, your exam will not be graded.**
- As soon as you are finished with the exam in MyMathLab in the allotted time, create an electronic copy of the pages on which you completed your work and your signed honor statement and submit these as a pdf file in Learn (just as you have been sending your lecture notes and written homework).
- If you have Internet issues, trouble downloading or printing the test, trouble scanning and sending back your completed exam, etc., you must contact me immediately!

Support: If you are struggling in this course, do not be afraid to ask for help! Here are some options:

- Ask My Instructor: Please use the Ask My Instructor button in MyMathLab. This button is available in the MML homework 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 your instructor's office hours listed at the beginning of this syllabus. Feel free to log in for online office hours or make an appointment to get help.
- Study Groups: You may work together with other members of the class. However, if there is an assignment that is to be submitted individually, that assignment should be your work not copies from your group.
- Free Tutoring: The Math Center at Valencia campus has free tutoring available online to help with your course content questions as well as question about using tools. Send an email to tutor@unm.edu to schedule an appointment.
- 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](#)

Equal Access: In accordance with University Policy 2310 and the Americans with Disabilities Act (ADA), academic accommodations may be made for any student who notifies the instructor of the need for an accommodation. It is imperative that you take the initiative to bring such needs to the instructor's attention, as I am not legally permitted to inquire. Students who may require assistance in emergency evacuations should contact the instructor as to the most appropriate procedures to follow. Contact Accessibility Resource Center at 277-3506 for additional information.

If you need an accommodation based on how course requirement interacts with the impact of a disability, you should contact me to arrange an appointment as soon as possible. At the appointment we can discuss the course format and requirements, anticipate the need for adjustments and explore potential accommodations. I rely on the Disability Services Office for assistance in developing strategies and verifying accommodation needs. If you have not previously contacted them I encourage you to do so.

If you are a Valencia campus student, contact Equal Access Services at Valencia Campus, Cheryl Dilger at cdilger@unm.edu or [Valencia Student Services](#). If you are a main campus student you can receive documentation from the main campus [Accessibility Resource Center](#). I will not guarantee accommodation without the appropriate documentation.

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.

Title IX Statement: In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see pg. 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>

Note: The instructor for this class reserves the right to change the syllabus at any point during the semester.

Week of	Written Homework to Submit	
Jan. 18	5.1 5.2	32, 61 52,66,73
Jan. 25	5.4 6.1	58,68 137
Feb. 1	6.2 8.1	66 48,108
Feb. 8	Project 1 Due Monday, February 8	
	8.2 8.3	46,60,79 56,66,67,112
Feb. 15	8.4 8.8	39,54,70 76,118,129
Feb. 22	9.1 9.2	66a,c,d 76
Mar. 1	9.3 9.4/9.5	52,73 9.4 94a,b,c,d
Mar. 8	Review	Final Thursday, Mar. 11 10:30am-11:45am