

I. Instructor Contact Information**Instructor:** Angel Poling**Email:** apoling@unm.edu**Office Hours:** by appointment (in Zoom)**II. Course Description**

MATH 1215X: Operations with rational numbers and absolute value, exponents and order of operations, properties of real numbers, linear equations and inequalities, applications and problem solving with linear equations, linear functions and the graph of a line, solving for a variable, solving proportions, solving absolute value equations, systems of linear equations, applications involving percentages, writing and graphing Inequalities, introduction to function notation, graphs of functions, perimeters, and areas of simple geometric shapes.

MATH 1215Y: Many topics from Math 1215X as well as properties of exponents, simplifying polynomial expressions, factoring, quadratic equations and quadratic functions, word problem involving the maximum or minimum of a quadratic function.

MATH 1215Z: Many topics from Math 1215X and 1215Y as well as Pythagorean Theorem, similar polygons, proportion word problems, multiple rate word problems, radical expressions and equations, rational expressions and equations, complex fractions, exponential and logarithm functions.

Student Learning Outcomes for all 3 parts of Math 1215: When the course is over you should be able to...

- Demonstrate appropriate use of basic function language and notation
- Simplify and perform operations on algebraic expressions
- Solve single-variable equations of the types listed above
- Interpret and communicate algebraic solutions graphically and numerically
- Demonstrate contextual problem-solving skills (this includes setting up and solving problems and interpreting solutions in context)
- Apply appropriate algebraic, graphical, and numerical problem-solving methods

III. Materials, Course Structure and Policies

- **ALEKS:** You will complete all of your coursework inside a web-based learning system called ALEKS (www.aleks.com). ALEKS is an adaptive program that creates a personalized path based on what you already know, what you don't and what you are ready to work on. For each course there is a pie chart inside ALEKS. You will learn topics related to your course's Student Learning Outcomes. The number of topics you've learned so far is shown at the center of the pie.
 - a) When you first log into ALEKS, you will be given an Initial Knowledge Check. This is not a test and does not count toward your grade. ALEKS just wants to know what you know. ALEKS will give you "credit" for any of the content of the course you may already know. The result of your Initial Knowledge Check is what ALEKS uses to create your own individualized learning path to work through the content of this course. You will next be asked to "Start your path." ALEKS will start by asking you to work through topics you are most ready to learn.
 - b) ALEKS will periodically provide you with progress assessments known as Knowledge Checks. These Knowledge Checks may not be skipped. They provide the software, your instructor, and you with detailed information about your progress, and they will allow ALEKS to continue to provide you with the material you are ready to learn and give you credit for the material you have mastered. Knowledge Checks do not directly affect your grade. You have the potential to gain or lose topics while taking a Knowledge Check.
 - c) You will have daily PIE progress goals inside of ALEKS. By the end of each class day, your goal is to have your PIE at the number that corresponds to your class shown in the following chart.

	PIE progress goals and Exam									
	Week 1					Week 2				
	M	T	W	R	F	M	T	W	R	F
X	85	105	125	140	155	160	Exam period: Both exam attempts must be taken within 4 days of completing the PIE.			
Y	85	105	120	135	145	150				
Z	170	185	200	215	225	230				
	Note: Exam attempts <i>must</i> be completed by Friday, the last day of class. So, if you complete your PIE late, you will not have the full 4 days for testing.									

- d) Once you fill your PIE, then you are ready to take the test. Your grade for the class is based on the results of the test.
- **Calculator:** There is an online calculator in the ALEKS system. **No other calculator will be allowed.**
- **Other Materials:**
 - a) **Notebook.** You will want a notebook for your work as you are doing problems in ALEKS. Keeping well organized notes is extremely important to your success in this class.
 - b) **Computer, Internet Access, Webcam:** All students should have access to a computer with internet access and a webcam, even if the class is listed as 100% face-to-face. Since we don't yet know what trajectory the pandemic will take, it will be in your best interest to be prepared with the necessary technology should the class need to have remote or online components.
- **Credit-hour statement:** Each part of MATH 1215 is a one credit-hour course. For this summer class, the class meets for a total of 10-hours each week for two weeks. Students are expected to complete a minimum of 10 hours in ALEKS outside of class each week if you are below the daily checkpoints.
- **Attendance and participation.** Attendance is mandatory and your engagement in the class is necessary for you to succeed. Engagement means that you complete topics on a daily basis, that you ask questions inside and outside of class, and that you use the MaLL tutors when needed. It also means that you show up to the classroom on time and stay the entire class period. Attendance includes being actively working in ALEKS during class and gaining topics. In order for your physical presence in class to count for attendance, we expect your time in ALEKS to be at least 10 hours each week. You should also gain a minimum of 8 topics each day you're in class (unless you're in a knowledge check).

If you need to miss class, please let your instructor know beforehand. Any unexplained and continued absences (more than two) may lead to your withdrawal from the course. Please make sure to stay in touch with your instructor in case of special circumstances that temporarily prevent you from participating in class as required.

Note that policies regarding attendance are set by each instructor, and excusing an absence is entirely up to the instructor (see the UNM Student Handbook, pathfinder.unm.edu). Again, if you have any concerns about an upcoming absence, please contact your instructor as soon as possible. If you want to withdraw from the course, it is your responsibility to withdraw; do not rely on your instructor to drop you.

- **Netiquette Policy: Please follow the below guidelines for any online communication in this course.**
 - a) Be polite and respectful. Online behavior should reflect real-life behavior.
 - b) Don't use all caps – IT LOOKS LIKE YOU ARE YELLING WHEN YOU DO!
 - c) Use a meaningful subject line, when appropriate, and include the name of the course (*i.e.* "Math 1215X").
 - d) Include your UNM student ID number.
 - e) Keep your communication clear and focused.
 - f) Proofread before sending or posting. Use proper punctuation, spelling, and grammar.
 - g) Avoid using text messaging short cuts.

IV. Grading

Your grade will be determined by the results of your exam.

Exam: Once the pie is filled, you must take a test to earn your grade. You'll be asked the same questions that you've seen when you built your pie in ALEKS.

- a) You must receive at least 75% in order to pass the exam and earn a grade for the class.
- b) After your initial attempt at the test, you will get a chance to improve your score by taking a retake on the questions that you got wrong the first time. If you earn a 75% or higher, then you pass the class with the grade received on the exam.
- c) **You must take the first test attempt within two business days of filling the pie, and the retake within two business days of the 1st attempt. If you miss these deadlines you risk losing the test (or retake) opportunity. All testing ends on the last day of classes.**
- d) You must have ALEKS access for the test. To take the test, go to the MaLL Testing Center and be sure to bring a photo ID (no ID, no test!). You can only bring a pen or pencil for the test; everything else will be supplied for you. Don't bring notes, books, calculators, cell phones, ear buds, headphones, smart watches, or any other electronics into the MaLL Testing Center. Possession of any of these items inside the MaLL Testing Center will be immediate grounds for an academic integrity violation.

- e) You can take the test at any time the MaLL is open (M-F 8-6). Plan on about 1½ hours to finish the X and Y exams, and about 2½ hours to finish the Z exam (though there is no time limit for any of them). You must finish your test within the MaLL hours. If there is not enough time to take your test, you may be asked to return to the MaLL another day.

V. Get Help!

There will be tutors for you to use during class. Just raise your hand and an available tutor will come to you. You can also seek help from your instructor during class and through email outside of class. Please consider your instructor your primary resource when working in ALEKS outside of class.

VII. Additional UNM Information and Policies

Grade Mode Change and Withdrawals: Deadlines to make changes to your registration status or withdraw from a course are published by the registrar (see “Semester Deadline Dates” at the registrar’s site, registrar.unm.edu). Be sure you look at dates for the appropriate part of term (first half or second half). To change grade mode or to withdraw after the registrar’s deadlines, you need to 1) talk to your instructor to fully understand your standing in the class, and then 2) meet with your advisor and discuss the best path for you to proceed, as well as all consequences for your studies. Please ask your advisor to email your instructor, with copy to you, of the final decision. For grade mode changes you may also be required to ask your instructor sign a grade mode change form (an online version of this form is at the registrar’s site under “Forms”).

Student Behavior: Be mindful of the rights of others as they pursue their education. Behave in a courteous and respectful manner towards the instructor and your fellow students. Put your cell phone, headphones, and other personal technology away in your backpack during class or exams. Practice proper etiquette during online sessions (mute your microphone when not in use, position your camera to avoid distracting backgrounds, etc.).

Academic Integrity. Be sure to maintain high standards of honesty and integrity in academic matters, not only in this course but in your academic career. Submit your own work; don’t have someone fill your ALEKS pie for you. Follow all testing rules (don’t cheat!). Please be careful: instances of academic dishonesty may be reported to the Dean of Students. For more information, please see the Student Code of Conduct (see the UNM Student Handbook, pathfinder.unm.edu).

Accommodation Statement: Accessibility Resources Center (Mesa Vista Hall 20121, (505) 277-3506) provides academic support to students who have disabilities. If you think you need alternative accessible formats for undertaking and completing coursework, you should contact this service right away to assure your needs are met in a timely manner. If you need local assistance in contacting Accessibility Services reach out to advisor@math.unm.edu.

Title IX: Our classroom and our university should always be spaces of mutual respect, kindness, and support, without fear of discrimination, harassment, or violence. Should you ever need assistance or have concerns about incidents that violate this principle, please access the resources available to you on campus, especially the LoboRESPECT Advocacy Center and the support services listed on its website (<http://loborespect.unm.edu/>). Please note that, because UNM faculty, TAs, and GAs are considered “responsible employees” by the Department of Education, any disclosure of gender discrimination (including sexual harassment, sexual misconduct, and sexual violence) made to a faculty member, TA, or GA must be reported by that faculty member, TA, or GA to the university’s Title IX coordinator. You can read the full campus policy regarding sexual misconduct at <https://policy.unm.edu/university-policies/2000/2740.html>.

Please note that we fully support the rights of everyone to an education in an environment of respect, support, and free from fear of deportation, and we strive to build such an environment. We will maintain confidentiality and work with students who require immigration-related accommodations. For more information and/or resources, please contact the New Mexico Dream Team at info@nmdreamteam.org. For more information on the campus policy regarding sexual misconduct, see [here](#).

UNM Administrative Mandate on Required Vaccinations:

UNM requires COVID-19 vaccination and a booster for all students, faculty, and staff, or an approved exemption (see: [UNM Administrative Mandate on Required Vaccinations](#)). Proof of vaccination and booster, or a medical, religious, or online remote exemption, must be uploaded to the [UNM vaccination verification site](#). Failure to provide this proof may result in a registration hold and/or disenrollment for students and disciplinary action for UNM employees.

Booster Requirement: Individuals who received their second dose of a Pfizer or Moderna vaccine on or before June 15, 2021, or their single dose of a Johnson & Johnson vaccine on or before October 15, 2021, *must provide documentation of receipt of a booster dose no later than January 17, 2022.* Individuals who received their second dose of a Pfizer or Moderna vaccine after June 15, 2021 or who received their single dose of Johnson & Johnson after November 15, 2021 *must provide documentation of receipt of a booster within four weeks of eligibility,* according to the criteria provided by the FDA (6 months after completing an initial two-dose Moderna vaccine, 5 months after completing the Pfizer sequence, and 2 months after receiving a one-dose Johnson and Johnson vaccine).

International students: Consult with the [Global Education Office](#).

Exemptions: Individuals who cannot yet obtain a booster due to illness should request a medical, religious, or online remote exemption (which may have an end date) and upload this to the vaccination verification site. Medical and religious exemptions validated in Fall 2021 (see your email confirmation) are also valid for Spring 2022 *unless an end date was specified in the granting of a limited medical exemption.* Students must apply for a remote online exemption every semester.

COVID-19 Symptoms and Positive Test Results: *Please do not come to a UNM campus if you are experiencing symptoms of illness, or have received a positive COVID-19 test (even if you have no symptoms). Contact your instructors and let them know that you should not come to class due to symptoms or diagnosis. Students who need support addressing a health or personal event or crisis can find it at the Lobo Respect Advocacy Center.*