

Math 100 Introduction to Algebra Parts – Lecture

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Office: A107 **Messages:** 925-8600 (Academic Office)
OFFICE HOURS: Mon&Wed 8.15 am to 10.15 am (in A107); Tue&Thur 12:00 to 1:00 (in A107),
1.15 – 2.15 (at Math Center).
Class Meetings: Monday and Wednesday 1.30 to 3.10pm in VACTC 108.

I will check email Monday through Thursday afternoon and *usually* on Fridays unless I am out of town. If you send a message over the weekend (Friday through Sunday), I will likely not see it until Monday morning.

I am on campus Monday through Thursday usually from 8:00 AM to 3:00 PM (except class times). My dedicated office hours are listed above, but please make an appointment if you want to come by at an alternate time. Check my weekly schedule posted in Learn for days I may be out of town or when I may be in pre-scheduled meetings.

COURSE DESCRIPTION

Topics include linear equations, polynomials, factoring, formulas, graphing, and application problems and includes a skills laboratory. Prerequisites/placement: Successful completion of Math 099 (RA, RB, RC or RCR) or a minimum pre-algebra COMPASS score of 36, or math ACT score of 16.

COURSE STUDENT LEARNING OUTCOMES:

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

1. Add, subtract, multiply, and divide positive and negative numbers, including integers, fractions, and decimals.
2. Use the correct order of operations when simplifying a numerical expression.
3. Solve linear equations in one variable.
4. Solve word problems involving linear equations in one variable.
5. Graph simple linear equations.
6. Calculate the slope of a line between two points.
7. Find the equation of a line from pairs of points or a point and a slope.
8. Simplify expressions with integer exponents.
9. Use Scientific Notation in elementary arithmetic calculations.
10. Add, subtract, multiply, and divide polynomials.
11. Factor simple polynomials.

COURSE MATERIALS:

- 3-Ring binder (1-1/2 inch or larger), 8 divider tabs, (Binder will be shared with Math 193.)
- Spiral, note book paper, graph paper
- Pencil, eraser, dry erase marker, 3 X 5 notecards
- Scientific calculator (Calculators on electronic devices are NOT allowed, e.g., phone, IPAD, etc.)

GRADING SCALE:

While you will receive credit toward establishing a full-time load for financial aid purposes for Math 100, this course is NOT accepted to satisfy UNM core degree requirements. Students in this course will receive the following grades:

RA+ 98% and above

R A	93 – 97%
RA-	90 – 92%
RB+	88 – 89%
RB	83 – 87%
RB-	80 – 82%
RC+	78 – 79%
RC	73 – 77%
RC-	70 – 72%
RNC	< 70%

GRADE WEIGHTINGS:

Attendance, Class Participation	20%
Binder	10%
Homework/Worksheets	25%
Quizzes/Tests	15%
Cumulative Final Exam*	30%

*Students must receive a minimum of 70% on the final exam to pass the course.
This is not negotiable.

COURSE COMPONENTS:

- 1) Attendance/Class Participation (20% of grade):
 - You are expected to be on time to each class and stay the entire class, have the necessary course materials on hand, and participate in the lecture and/or group activities to receive full credit for attendance each day.
 - If you miss 2 classes you WILL be dropped from the class. You are required to attend class twice a week (Tuesdays and Thursdays).
 - I will take attendance at the beginning of class. Class begins promptly at 1.30pm. You will be marked absent if: (1) you are absent, (2) you are tardy and/or leave early twice, or (3) you are disruptive to the learning environment.
 - If absent or tardy, the student must email the instructor. The student bears full responsibility for the material and procedural information covered in class.
- 2) Binder (10% of grade) (Also used in Math 193 – other sections to be specified by Math 193 instructor).
- 3) Homework/Worksheets (25% of grade)
 - Homework is assigned every week.
 - Worksheets are to be done in the Learning Commons and checked by me or a tutor who will sign the worksheet.
 - If the worksheet is not completed and signed by a tutor you will not get credit! You will get 100% if completed and checked, or 0.
- 4) Quizzes/Tests (15% of grade): Several quizzes will be assigned during the term. Students are expected to show their work clearly in the supporting documentation for the quizzes. The Mid-Term will be a paper/pencil test where students are expected to show all work to get full credit. A 3" X 5" note card (both sides) will be allowed to be used on quizzes and tests. You are allowed to make corrections to quizzes to improve the grade. In order to earn back up to half the points missed, corrections need to be made on a separate sheet of paper. The correction paper is vertically divided in half: The problem must be reworked on the LEFT side of the paper, and the RIGHT side must contain your verbal explanation of what was done incorrectly on the quiz for that particular problem.
- 5) Final Exam (30% of grade)

- The final exam is a MANDATORY cumulative written exam taken on Wednesday, Dec 13.
- An instructor pre-approved 3" X 5" note card (both sides) with only formulas will be allowed.
- A scientific calculator, which is NOT a graphing calculator, will be allowed.
- No cell phones or Internet devices will be permitted to be used or out during the exam.
- You MUST PASS this exam with 70% or higher to pass this course.
- Final review and practice problems will be made available before the final exam.

IMPORTANT DATES (all deadlines are by 5:00 PM Mountain Time):

Last day to add or change grading mode on LOBOWeb:	Friday, September 1, 2017
Last date to drop without a grade:	Friday, September 8, 2017
Labor Day Holiday:	Monday, September 4, 2017
Fall Break:	October 12-13, 2017
Last date to drop without Dean's Permission:	Friday, November 10, 2017
Thanksgiving:	November 23-26
Last date to change grading mode with form	Friday, December 8, 2017
Last date to drop with Dean's permission	Friday, December 8, 2017

SUPPORT SERVICES: Math Center tutors are available in the Learning Commons M-Th from 8 to 5, and Fridays 8 to 1 (925-8907). There are also open computer labs on campus for students' use. The Valencia Campus Library provides a quiet atmosphere for study and is an excellent resource for supplementary materials.

CONDUCT EXPECTATIONS: Students are expected to conduct themselves in a polite, courteous, professional, and collegial manner.

- Cell phones must be set on silent. Please step into the hall if you need to take a call during class.
- ABSOLUTELY NO FOOD is allowed in the computer labs. Drinks are only allowed if they are in sealed containers with tightly fitting lids that will not spill.
- During a quiz or exam, cell phones must be turned **off** and be out of sight. No personal electronic devices are allowed. A calculator is allowed if appropriate (some quizzes or portions of the final exam will have a restriction on calculator use). If you leave for any reason during a quiz or exam, your paper will be collected and you will not be allowed to continue working on that exam or quiz.

TITLE IX: In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered responsible employees. This designation requires that any report made to a faculty member, TA, or GA regarding sexual misconduct or gender discrimination must be reported to the Office of Equal Opportunity and the Title IX Coordinator. For more information on the campus policy regarding sexual misconduct, see:

<https://policy.unm.edu/universitypolicies/2000/2740.html>

DISABILITY STATEMENT: If you have a documented disability, please provide me with a copy of your letter from Equal Access Services as soon as possible to ensure that accommodations are provided in a timely manner. The Equal Access Office can be reached at 925-8510.

UNM'S POLICY ON ACADEMIC HONESTY: 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, including dismissal, against any student who is found responsible for academic dishonesty. Any student who has been 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 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; and misrepresenting academic or professional qualifications within or outside the University.