

MATH 012: Pre-Algebra Summer 2015 (ALEKS)

Instructor: Sarah Garde
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Section/Group	Class Time	Meeting Days	Meeting Location	ALEKS Course & Financial Access Codes
501	9:00 AM – 12:30 PM	Mon, Wed	L-119	6FN4R-R6CPK 5E80D-5DDE1- 664FB-E1C62

OFFICE HOURS: Monday-Thursday 8:00 - 8:45 AM; Other times by appointment

ALEKS Customer Support:

Email: <http://support.aleks.com>

Phone: (714) 619-7090

COURSE DESCRIPTION: This TWO CREDIT course includes the second half of a pre-algebra course and covers measurement and geometry, real numbers, introduction to algebra and basic equation solving, and applications. Prerequisite: Math 011

COURSE STUDENT LEARNING OUTCOMES:

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

1. Compute perimeter, area, and volume of geometric figures
2. Convert basic units of measure
3. Find the absolute value of a number
4. Take the square root of a perfect square number
5. Correctly use positive and negative numbers
6. Correctly use the order of operations with integers
7. Demonstrate an understanding of the concept of a variable
8. Simplify simple algebraic expressions
9. Solve basic linear equations
10. Use the above skills to solve simple applications problems.

COURSE MATERIALS:

- **ALEKS Student Access Code:** This code is available for purchase in the bookstore or online at <http://www.aleks.com/>. Purchase a minimum of 18 weeks (ALEKS 360 includes an electronic book and ALEKS does not). This code will provide you access to all of the online materials for the course that will be required for the course. **You must register for ALEKS by the end of the 1st week of classes or you will be dropped from the course.**
- **3-Ring binder (1 inch), 5 divider tabs, spiral, notebook paper, pencil, eraser, dry erase marker, 3X5 note cards**
Tab Headings: Syllabus/Reference, POD/Notes, ALEKS Work, Weekly Reports, Assessments

IMPORTANT DATES:

Last date to drop without a grade: Friday, June 12, 2015

Independence Day Holiday (No Classes): Friday, July 3, 2015

Last date to drop without approval of Director of Student Affairs: Friday, July 24, 2015

Final Exam: Wednesday, July 22 9:00-11:00 am. Location: TBD

GRADING SCALE: While you will receive credit toward establishing a full-time load for financial aid purposes for Math012, this course is NOT accepted to satisfy UNM core degree requirements. Students in this course will receive the following grades:

RA+	98% and above	RC+	78 – 79%
RA	93 – 97%	RC	73 – 77%
RA-	90 – 92%	RC-	70 – 72%
RB+	88 – 89%	RCR	70 – 100%
RB	83 – 87%	RNC	< 70%
RB-	80 – 82%		

***Students must receive a minimum of 70% on the final exam to pass the course.**

GRADE WEIGHTINGS:

Attendance, Participation, ALEKS +Tutoring Time 10 hrs/wk)	30%
Topic Mastery	30%
Quizzes	10%
Cumulative Final Exam*	30%

THE COURSE: This course is computer-based, however students will be required to make sufficient progress each week or risk being dropped from the course. Your grade includes a minimum of 10 hours spent in the ALEKS program and/or working with a tutor on a WEEKLY basis, so you will need to spend time on your math outside of class. Please seek help from tutors and instructors as needed.

- Procedure for Documenting ALEKS Work:
 1. Students will take notes while working in ALEKS. Each separate day of notes needs to be labeled with the date and the pie piece/topic being covered.
 2. Practice problems need to be worked in an orderly manner.
Students need to copy the question on which they are working, and show ALL work. Student then records answer in the computer.
 3. ALEKS Notes and Practice Work can either be done on loose leaf paper and kept behind Tab 3 of Binder, OR be done in a separate notebook (spiral or pad) and filed behind Tab 3 in Binder.
 4. Same procedure is followed for any ALEKS assessments. (Date the assessment, number each question, copy and solve the question, then enter answer into the computer.)
 5. ALEKS Assessments (Initial and others) need to be filed behind Tab 5 of notebook.
- Written quizzes will be given throughout the term. 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.
- A 12 X 12 multiplication chart and a 3"x 5" note card will be allowed for the assessments. A scientific calculator will be allowed for only a portion of these assessments. The note card for the final exam can only contain formulas.
- You will be completing a weekly time sheet, recording the time and topics covered in ALEKS each week and tracking your progress in the course.
- Work with a tutor will need to be documented with a Tutor Slip completed by the Tutor. You can get a Tutor Slip from Blackboard Learn. Your tutoring slip will be attached to your weekly time sheet, and tutoring time will be added to your weekly report.
- Students are expected to complete 100% of the ALEKS pie prior to taking the final exam.
- Students must successfully pass two mock finals with 80% or higher prior to taking the final exam.

ATTENDANCE POLICY:

- You are expected to be on time to each class and stay the entire class. If you miss 2 classes you WILL be dropped from the class. You are required to attend class twice a week (Mondays and Wednesdays).
- The attendance sheet will only be available BEFORE class. It will be picked up at 9:00. 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.

SUPPORT SERVICES: Highway to Success tutors are available M-Th from 8 to 5, and Fridays 8 to 1 (925-8907). TRiO also offers tutoring at no cost to the student if you are part of that program. The online tutor, Ryan Baltunis, can be reached at 925-8553 or found in LRC 118. 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.

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. Cell phones must be turned off and be out of sight during exams. ABSOLUTELY NO FOOD OR DRINK is allowed in the computer labs.

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.

MATH 012 SUMMER 2015 GOAL OUTLINE

Week	Date	ALEKS PIE PIECES								TOTAL TOPICS/%		Written Quizzes/Tests
		Whole Numbers (DkGreen) (4 Topics)	Integers (MedGreen) (18 Topics)	Alg Expr & Equations (Lt Green) (26 Topics)	Ratios, Prop, % (Purple) (28 Topics)	Fractions (Lt Blue) (22 Topics)	Decimals (Med Blue) (18 Topics)	Geometry (Pink) (9 Topics)	Measure (Purple) (13 Topics)	Weekly Goal: Proficiency Topics	Weekly Goal % Proficiency	
1	6/01-6/06											
2	6/07-6/13											
3	6/14-6/20											
4	6/21-6/27											
5	6/28-7/04	↓	↓	↓	↓	↓	↓	↓	↓	35	35%	Final M011 Initial Assess
6	7/05-7/11			↓	↓	↓	↓	↓	↓	70	70%	
7	7/12-7/18					↓	↓	↓	↓	100	100%	Mock Final
8	7/19-7/23											Final

Completion of M011 in June