

MATH 012: Pre-Algebra Fall 2015 (ALEKS)

Instructor: Cheryl Black

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Phone: 505-264-0766 (cell) 11:30am - 10:00pm Tues. – Sat. only

Office: Academic Building, room 103, cubicle 12, phone: 925-8600 (leave message)

CRN / Section	Class Time	Meeting Days	Meeting Location	ALEKS Course Access Codes
53623 / 503	10:30 AM – 12:10 PM	Tuesday, Thursday	C-108	P3FN9-VGQHR 3B0A9-DAF56-0A121-30DB9 (For temporary student access only)

OFFICE HOURS: Tuesday & Thursday 12:30 - 1:00 pm (room A103), also 12:00-12:30pm, Tuesday (room C-108).

Additional office hours: 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 (optional but recommended), 5 divider tabs, spiral, notebook paper, pencil, eraser, dry erase marker, 3X5 note cards.**
Suggested Tab Headings: Syllabus/Reference, POD/Notes, ALEKS Work, Weekly Reports, Assessments

IMPORTANT DATES:

Last date to drop without a grade: Friday, September 4, 2015

Labor Day Holiday: Monday, September 7, 2015

Fall Break: Thursday and Friday, October 8 & 9, 2015

Thanksgiving (campus closed): Thursday and Friday, November 26 & 27

Last date to drop without approval of Director of Student Affairs: Friday, November 6, 2015

Final Exam: TBD (week of Dec 7-12)

GRADING SCALE: While you will receive credit toward establishing a full-time load for financial aid purposes for Math011, this course is NOT accepted to satisfy UNM core degree requirements. Students in this course will receive the following grades:

Grade

RA 90 – 99+%

RB 80 - 89%

RCR Credit 70

RNC No Credit < 70%

Course Components

Attendance & Participation 30%

Topic Mastery 30%

Quizzes 10%

Final Exam* 30%

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

MATH 012: Pre-Algebra Fall 2015 cont'd

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 in the 3-ring binder, OR be done in a separate notebook (spiral or pad).
 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.)
- 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.
- 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. See attached weekly goal schedule
- Work with a tutor will need to be documented with a Tutor Slip completed (and signed) by the Tutor. 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 you WILL be dropped from the class. You are required to attend class twice a week (Tuesdays and Thursdays).
- 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 without speaking to the instructor during that class period, or (3) you are disruptive to the learning environment.
- If absent, the student must email the instructor, as soon as possible. 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 8am to 5pm, and Fridays 8am to 2pm (925-8907). 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.