SYLLABUS: MATH 100 FALL 2011

Instructor: Benjie Michelle Garcia (please call me Shelly or Shelly Clapp)

Contact Information:

Phone:	925-8905
Email:	bshellyg@unm.edu
Office:	LRC 128 (the library building)

Office Hours:

Tuesday & Thursday	10:15 - 12:00 pm
Wednesday	3:00 – 5:00 pm
Friday	10:15 – 12:00 pm & 3:00 – 5:00 pm

Course Website: **_http://unm.edu/~bshellyg_**

Course & Description:

Math 100: Introductory Algebra (4 credits) Topics covered include linear equations, polynomials, factoring, formulas, graphing, and applications problems, and include a skills laboratory.
Prerequisite/placement: Successful completion of Math 099 (RA, RB, RC, or RCR) or a minimum pre-algebra COMPASS score of 36 or ACT score of 9. Co-requisite: Math 193

Required Materials:

You must bring the following course materials to class:

1. iLearn Software Package   COURSE KEY: _____
2. Headphones
3. 3-ring Binder (1 ½ inch or larger) with 5 tab dividers
4. Loose leaf paper or spiral notebooks
5. Pencils and erasers or pens
6. Scientific Calculator (Graphing Calculators are NOT ALLOWED)
7. Colored highlighters and/or colored pens (besides black and blue)
8. Index cards

iLearn Software:

* Students can **purchase** the iLearn Math Student Key at the campus bookstore or online at www.ilearnstore.com/unmvalencia
* Temporary logins are available for students anticipating Financial Aid. You can request temporary logins by visiting the instructor in her office.
* Students go to www.ilearn.com/enroll to **create an account**
  Students will use their username and password to **access the curriculum** at www.ilearnmath.com.
* iLearn **Technical Support** is available to students, Monday – Friday 8:00 a.m. to 11:00 p.m. Eastern Standard Time, help@ilearn.com or 877-789-2088 ext. 5
* Individual **Progress Reports** available to students at www.ilearn.com/reports with the student's username and password
* The **Review** Edition allows students to review the course material up to the students' last location in the course. After students complete the Placement Testing, the Review Edition is accessed at the curriculum site, www.ilearnmath.com by adding the word "REVIEW" to the end of the student's username. Students will enter the username +review and the same password used to access the curriculum.

Mastery Based Learning:

The majority of the course content is delivered online through the iLearn software. You will listen and watch instruction, take notes, practice problems, and take tests online. There are many major advantages to this approach. You may work at your own pace. You will only work on material you do not already know and you may skip material you have learned previously. You will receive one-on-one assistance from the instructor and the class tutor during the majority of class time. You may advance quickly and cover more than one math course this semester. You MUST master each topic by scoring at least an 80% (the class average is over 90%) on every lesson, chapter and unit in the iLearn system. You will therefore get the BEST FOUNDATION for the rest of your college career.

Scholarly Conduct:

You will conduct yourself in a professional and collegial manner. You are 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.

Grades & Grading:

Grade		Course Components	
RA	90 – 100+%	Attendance	10%
RB	80 - 89%	3-Ring-Binder	10%
RCR	Credit 72 - 100%	Hours Spent	20%
RNC	No Credit < 72%	Unit Mastery Tests	30%
		Written Final Exam*	30%

*You must receive at least a 70% on the final to pass the course. This is not negotiable.

Course Components:

- *Attendance: 10% of your grade*

  You must attend all classes and be on time. Attendance is taken within the first FIVE MINUTES of class. You **will be marked absent** if you are five or more minutes late, viewing or using a cell phone during class, viewing ANY internet content other than iLearn during class (unless directed by the instructor), are logged out of iLearn during class time, or you are disruptive to the learning environment. On the third unexcused absence you will be dropped from the course. If you miss two consecutive classes you will be dropped from the course if you do not contact the instructor immediately.

   Your attendance grade is calculated as follows:
  - 1st unexcused absence will drop your attendance grade to 90%
  - 2nd unexcused absence will drop your attendance grade to 80%
  - 3rd unexcused absence will result in you being dropped from the class

To have an absence excused you must see the instructor during office hours or by appointment. The instructor WILL NOT excuse an absence over the phone nor discuss your absence in the classroom. The instructor will refrain from dropping a student who is in communication with the instructor and has a formal agreement with the instructor.

- *3-Ring-Binder: 10% of your grade*

  You are REQUIRED to create and organize
  1. Notes
  2. Practice & Mixed Practice
  3. Tests (Chapter Challenge Tests, Chapter Mastery Tests, and Unit Mastery Tests)

  You must keep each of these requirements within your 3-ring Binder for every Lesson, Chapter, and Unit. You will organize and clearly label ALL OF YOUR MATH WORK while working within the iLearn system in order to receive credit for your work. You must bring your binder to every class meeting.

- *Hours Spent: 20% of your grade*
  (calculated per week, NO ROLLOVER MINUTES)

  You earn a weekly grade for each hour spent online on the iLearn software. You must keep track of your minutes for each week on the tracking form and I will check it each week and record your grade. You earn 1% for every 4 minutes spent on iLearn (5% per every 20 minutes).

  Time spent in class per week ≈ 280 minutes = 70%

  Time spent outside of class per week = 120 minutes = 30%

  To earn 100% you must be present and working in class AND complete an additional 2 hours a week of homework outside of class. You can earn extra credit in this category up to 120%.

- *Unit Mastery Tests: 30% of your grade*

  Every Unit Mastery test score you receive is calculated into your grade. If you do not have **neat and organized work** for a unit mastery test you will receive a 0% for that test regardless of the actual grade you received.

- *The Written Final Exam: 30% of your grade*

  The Final Exam is taken during finals week and is a cumulative exam (it covers all of the material covered in the Math 100 objectives). The final exam is closed note and closed book; you may use a calculator. Take this exam seriously as it is used as a measure of your ability to be successful in college level math. **You must receive at least a 70% on the Final Exam to pass the course.**

YOU WILL BE DROPPED FROM THE COURSE BY September 2nd if:

- You have been absent without being excused
- You are not bringing all of the required materials for the course to each class
- You are not creating notes, writing practice problems and test problems neatly and clearly, labeling all of your work, and organizing it all neatly and professionally within your 3-Ring-Binder
- You have spent less than 8 hours working on the iLearn software

STUDENT SIGNATURE REQUIRED _____Date_____

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.

Student Learning Outcomes:

1. **Communication:** Students will use proper mathematical notation and terminology to communicate phrases. **Addresses UNM/HED Area II: Mathematics (Algebra Competencies) #3**
2. **Solve various kinds of equations:** Students will solve linear equations in one variable. **Addresses UNM/HED Area II: Mathematics (Algebra Competencies) #2**
3. **Working with graphs.** Students will graph simple linear functions and be able to identify features such as the intercepts and slope. **Addresses UNM/HED Area II: Mathematics (Algebra Competencies) #1**
4. **Modeling and solving applied problems.** Students will demonstrate an understanding of the concept of slope as a rate of change. Students will correctly solve application problems involving linear equations. **Addresses UNM/HED Area II: Mathematics (Algebra Competencies) #4**

Major Learning Objectives:

At the conclusion 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.