Math 101/102/103, Intermediate Algebra
Section 501   Summer 2017
Syllabus

Instructors:	Elaine W. Clark	Michelle Godfrey
Office:	A142C	A113
Phone:	925-8618	925-8630
	Messages: 925-8600 (Academic office)	
email:	ewclark@unm.edu	shosho@unm.edu

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

Office Hours:
E.W. Clark will be available most days on Tuesday, Wednesday, or Thursday unless she is out of town or has a meeting at main campus. Check her weekly schedule in Learn. Michelle Godfrey will have office hours from 4:15 to 4:45 Tuesdays and Thursdays right after class in the classroom.

Course Prerequisites: Appropriate placement score or C or better in Math 100 for Math 101. Must have a passing grade in Math 101 to continue on to Math 102. Must have a passing grade in Math 102 to continue on to Math 103.

Course Overview
This course provides preparation for MATH 121, 129 and STAT 145. Emphasis is on problem solving skills. Though this course is acceptable as credit toward graduation, and provides a math requirement for many Associate Degrees and Certificates, it does not satisfy UNM core or group requirements.

- **Math 101** includes equations and inequalities, applications and problem solving with linear equations, linear functions and the graph of a line, percent, perimeters, and areas of simple geometric shapes.
- **Math 102** includes quadratic equations, properties of exponents and scientific notation, simplifying polynomial expressions, factoring and introduction to functions. (Prerequisite for MATH 129 and STAT 145)
- **Math 103** includes radical expressions and equations, rational expressions and equations, the exponential and logarithm functions. (Prerequisite for MATH 121)

Student Learning Outcomes
Upon successful completion of the course:
1. Communication: Students will use proper mathematical notation and terminology to communicate mathematical phrases.
2. Solve various kinds of equations: Students will solve a variety of equations from systems of two linear equations, to polynomial, rational and quadratic.
3. Working with functions: Students will correctly use function notation and be able to find

the value of a function for a given domain.

4. Working with graphs: Students will sketch graphs of linear, quadratic and exponential functions.
5. Modeling and solving real-world problems: Students will use formulas and equations to solve real-world problems.

Text and Tools - Required
There is not a textbook associated with this course. All text-type materials are embedded in the ALEKS program, https://www.aleks.com/ You will need high-speed Internet access, the use of a web browser, and the ability to upload free software in order for this program to run properly.

- You will need to register for our course at http://www.aleks.com . **If you have not already done so, you must register for ALEKS by the beginning of the 2nd week of classes or risk being dropped from the course.**
  Math 101 course code: YCCFW-WHENY
  Math 102 course code: RHXHP-RCFWR
  Math 103 course code: Y3MKE-JC3ME
- You will need an ALEKS account. If you have used ALEKS before you can use the same account you created the first time you used it.
- You will need a Student Access Code. You may purchase this in the bookstore or online when you register for the course.

Once you register, make sure you have all the appropriate software installed on your computer. There may be a plug-in you will need to install for the program to work properly with your web browser.

Other requirements:
- You will need access to UNM Learn. This is another program we will use to communicate with you about your progress in the course and to post announcements. You will use your UNM NetID to log into Learn. You may access it directly via http://learn.unm.edu
- You may use a *scientific* calculator for this course unless it is otherwise announced. **Cell phone calculators or sharing calculators will *not* be allowed on exams.**
- Also, you will need to keep a notebook for this course. You can use a bound notebook or a binder with filler paper, but you want to be able to organize the notebook so you can easily find your notes for each section. Please do not use this notebook for any other course.

Grading Scale for each course. Grades for Math 102 are independent of any Math 101 scores and similarly the grade for Math 103 is independent of any scores from Math 101 or 102. (Note: + and – are possible.)

A   90 – 100%
B   80 – 89%
CR   70–79%
NC   <70%

Your grade for each course will be a weighted average of your scores in the following categories:

Weekly Progress in ALEKS	20%
Attendance and Participation	30%
Cumulative Final Exam	50%

- Students must receive at least an 80% on the Math 101 final, *and* must have a course grade of C or better to receive a passing grade.
- Students must receive at least a 75% on the Math 102 final, *and* must have a course grade of C or better to receive a passing grade.
- Students must receive at least a 70% on the Math 103 final, *and* must have a course grade of C or better to receive a passing grade.

The final Exam for each course may be re-taken only once, if needed, within the announced due date for final exam. See information below. Not scoring high enough on the final exam will result in a NC grade for the course.

Important Dates for Summer 2017:

•	Friday, June 9	Last day to add a course or change sections
•	Friday, June 16	Last day to change grading option and drop without a grade
•	Thursday, June 22	**If you are registered in Math 101, you should have completed that course in order to have time to complete Math 102 and Math 103 by the end of July. If you are Registered in Math 102, you should be at least 50% finished with your ALEKS pie if plan to also complete Math 103.**
•	Tuesday, July 4	Fourth of July Holiday – no classes
•	Tuesday, July 11	**If you are registered in Math 102, you should have completed that course in order to have time to complete Math 103 by the end of July.**
•	Friday, July 14	Last day to drop the course without Dean's permission
•	Friday, July 28	Last day to drop the course with the Dean's permission
•	Thursday, July 27	Must be done with final exam for course

Activities, Projects, and Notebooks: This course is computer-based and mastery-based, but it is not self-paced. Students will be required to make sufficient progress each week or risk being dropped from the course. Please seek help from your instructor as needed.

- Computational work will be done in ALEKS. Practice problems need to be worked in an orderly fashion in a single notebook. Make sure you label your work appropriately in your notebook. There will be periodic notebook checks that will count 10 Participation Points for each time your notebook is complete and current.
- There will also be some pencil-and-paper activities and projects for you to complete as you finish different pieces of your ALEKS pie. Activities will count 10 Participation Points and projects will count 100 Participation Points.

Final Exam:
- When you are 90% or more finished with your ALEKS pie for the course, you can request the practice problems for the final exam.
- Once you have a completion certificate for the ALEKS course (Math 101, 102, or 103) indicating that you have completed your ALEKS pie, you can take your final exam.
- A stand-alone calculator (not on a mobile device) and a 3x5 index card will be allowed for the final exam.
- You can have a second chance at the final exam, but must complete error analysis and corrections on your first take in class before you will be given your second chance. You must complete the final by the last day of class.

Attendance: Attendance means that when you are on the computers you are working on ALEKS. Daily attendance does not just mean a warm body in a chair doing whatever. You need to either be working on your ALEKS pie or on the pencil-and-paper activities and projects.

Absences: If a student misses both class meeting times the first week of class the student WILL be dropped from the course. If a student misses 3 class periods, the student may be dropped from Math 101/102/103. If you are absent, you cannot make up those attendance points for that day, and you bear full responsibility for the material and procedural information covered in class.

Topic Mastery: Be aware, no matter how much computer time (or how little) you put in during the schedule class time, you will need to make progress each week outside of class as well. Plan on mastering a minimum of 25 topics each week in your pie. Depending on where you are at the beginning of the semester, you may need to complete more topics each week in order to finish by the end of July. Also, some topics take longer to master than others, so you want to work as diligently as possible *each week*. Topic mastery will count as part of your overall course grade, and will be determined as a percent each week out of the 25 topics you should be mastering. A week will be defined as going from Monday 12:01 AM to Sunday 11:59 PM. If you master more than 25 topics a week, you can earn some extra credit points. However, no more than 10% of your grade can come from extra credit.

Support Services: The UNM-Valencia Library provides a quiet atmosphere for study and is open several evenings during the week. Students can schedule appointments for STEM Center tutoring at (505) 925-8515. The Learning Center (925-8907) also offers tutoring at no cost to the student. Students who miss tutoring appointments may be denied future appointments.

Behavior 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 during exams. If you take a call during an exam or quiz, or leave the room for any other reason, your paper will be collected and you will not be able to finish it.

Title IX Statement: In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see page 15 - http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-

ix.pdf). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: https://policy.unm.edu/university-policies/2000/2740.html

Students With Disabilities: 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.

ALEKS customer support:
Phone: (714) 619-7090
Email: http://support.aleks.com
Hours (Eastern Time):
- Sunday 4:00 PM to 1:00 AM
- Monday through Thursday 7:00 AM to 1:00 AM
- Friday 7:00 AM to 9:00 PM