

# Intermediate Algebra

## Math 101/102/103

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Office Hours  
STEM: M 10-11; LRC: 10-11;  
Online: TR 11-12:45; In office:  
MW 10-11:45 and TR 11-12:45  
and by appointment

### 1 Overview

Welcome to Math 101. Here is the UNM course description for Math 101.

This course includes equations and inequalities, applications and problem solving with linear equations, linear functions and the graph of a line, percent, perimeters, areas of simple geometric shapes. Prerequisite: 100 or ISM 100 or (MATH 021 and MATH 022) or ACT Math  $\Rightarrow$  19 or SAT Math  $\Rightarrow$  450 or Compass Pre-Algebra  $\Rightarrow$  57 or Compass Algebra  $\Rightarrow$  34.

In this course, we will be using a program called MindTap. If you are familiar with ALEKS, MindTap is a different mastery-based program with more flexibility.

If a student finishes 101, they will have the opportunity to move on to Math102. Here is the UNM course description for Math 102.

This course includes quadratic equations, properties of exponents and scientific notation, simplifying polynomial expressions, factoring and introduction to functions. Prerequisite: 101.

Similarly, a student who finishes 102 can move on to 103. Here is the description.

This course includes radical expressions and equations, rational expressions and equations, the exponential and logarithm functions. Pre- or corequisite: 102.

### 2 Required Material

There is no textbook for this class. In your email, you will find a link to register for MindTap Math101. We will register together. This online program is free to use *this semester*. I don't know if it will be free in future semesters.

### 3 Attendance Policy

In this course, I will take attendance by having students fill out short summaries of the work done since the last class meeting. Students are expected to stay in class the entire time and attendance points will be deducted if students leave early.

## 4 Course Structure

At the start of every class, I will meet every student individually for just a minute or two and you will turn in a short summary of your activities. Each summary should have responses to the following.

1. How many hours did you work?
2. Did you get stuck on any problems? Did you contact me for help if you got stuck?
3. Write at least one question that you have for me.

The purpose of these questions is to make sure you are coming to class and progressing at a decent place.

I will periodically assign paper and pencil projects for you to work on in class, either in groups or individually at my discretion. The final exam will be a paper and pencil final so the projects are a good way to practice. While the projects can be worked on in groups in class, I expect every individual student to take their work home and bring me the final solutions with their own thought processes on the paper.

I will also periodically assign paper and pencil quizzes that are to be done individually.

When you have finished the Math101 course on MindTap, I will give you a review final. *You must finish the review and review it with me before taking the final exam.* This is vital because you will only be allowed one try at the final exam. The final exam will be two hours and will be given in two parts.

It is not a requirement, but our goal is to get you through the entire 101/102/103 sequence, or at least as far as possible, so that you have less work to do in the future.

## 5 Grading Policy

Your grades will be based on attendance, your summaries, projects, and the final, as follows.

Requirement	% of Grade
1. Attendance	20%
2. Summaries	20%
3. Projects	15%
4. Quizzes	15%
5. Final Exam	30%

*You must receive at least 70% on the final exam to get credit for the class.*

## 6 Make-up Policy

I will allow the late submissions of one project or quiz for any reason. To make up an assignments, you must let me know by email and I will allow you to make up the assignment for full credit.

## **7 A note on academic integrity**

We will follow university policy and on academic integrity.

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy: <https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

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, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student 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 is defined as: "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; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

## **8 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.

## **9 EQUAL OPPORTUNITY AND NON-DISCRIMINATION:**

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](http://oeo.unm.edu)). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>.