

**Math 101 - College Algebra  
Section 1M**

**Summer Intersession 2000**

Instructor: Dr. Brian Heck  
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**Prerequisites:** Math 003 (with a C or better) or satisfactory score on placement test.

**Text:** College Algebra (1<sup>st</sup> ed.) by Robert Blitzer (Prentice Hall)

**Calculator:** We will at times make use of calculator technology. However, this is not a calculator course, and I do not intend on teaching you how to use your calculator. You will need to have a scientific calculator and be able to use it efficiently. You will not be allowed to use a graphing-type calculator on any test or on the final exam.

**Course Description (catalog):** Linear equations and inequalities, linear applications, systems of linear equations, quadratic equations and inequalities, absolute value equations and inequalities, radical equations, functions and graphs, polynomial and exponential and logarithmic functions.

**Course Objectives:** To learn as much algebra as humanly possible in one semester.

**Instructor Expectations:** Come to class prepared (with text and fully aware). In order to understand what we are doing in class, it will be necessary for you to do problems outside of class, and it would be beneficial to you to read the text prior to our covering the material in class. You will be required (on all quizzes, and on all exams) to demonstrate knowledge and understanding of the material.

**Grading Policy:**

**Quizzes** (many) .....100 pts  
**Mid-Term Exam**.....100 pts  
**Final Exam**.....200 pts  
400 pts

**Grading Scale:**

**A:** 360-400 pts  
**B:** 320-359 pts  
**C:** 280-319 pts  
**D:** 240-279 pts  
**F:** less than 240 pts

We will have quizzes everyday, and on some days several quizzes. I will drop your lowest 4 quiz scores. If you miss some quizzes you will not be allowed to make them up. The mid-term exam and the final exam will both be comprehensive in that they will cover all the material we have covered up to the day of the exam. If you miss one of the exams, you will not be allowed to take a make-up exam without a valid excuse and prior notice. Homework problems are also important. Repetition is one of the best ways to learn something, especially mathematics. Additionally, although they do not directly affect your grade, homework problems often find their

way onto quizzes, tests, and/or finals.

**Attendance:** I will not include attendance as part of your course grade. I'm not your mother or your parole officer, and this is not high school. I do, however, expect you to attend everyday. You are responsible for any and all material covered in class. If you miss any class, it is up to you to meet with me (if necessary) and catch up on the material you missed.

**Approximate Class Schedule:**

Chapter 1: Sections 1-5

Chapter 2: Sections 1-4

\*Mid-Term Exam (Monday, May 29)\*

Chapter 2: Sections 5-7

Chapter 3: Section 1

Chapter 4: Sections 1-4

\*\*Final Exam (Wednesday, June 7)\*\*

**Closing Remarks:**

You are at a university, not a trade school. The goal is intellectual development and knowledge for knowledge sake. If you want to only learn what you need to get a job, go somewhere else.

Do not ask me why you need to learn the material we are currently learning. The answers are (1) because they will be on the final (2) because this is what algebra is, and any course called College Algebra should cover this, and (3) because I say so. If during the semester you get the urge to ask me why we are learning something, re-read this paragraph. If you are still unsure, see (3) above.

It is assumed that you are attending this university because you have a desire for higher learning. It is therefore expected that you will pay attention, be respectful of your instructor and fellow students, and follow the Code of Student Conduct. Instances of academic dishonesty will be dealt with severely. If you are caught cheating, you will fail this course. Similarly, if you are a disruptive presence in the classroom, you will be dropped from the class.

**Important Dates:**

Final Date to Add Courses or Drop Without a "W" - **Friday, May 19**

Final Date to Drop Courses With a "W" - **Friday, May 26**