Math 003 - OTR
Developmental Mathematics II
Spring 2003

Instructor: Dr. Brian Heck
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Office Hours: M, F 8:30-3:00

Prerequisite: Math 002 (with a C or better) or satisfactory score on placement test.

Text:

Course Description (catalog): The real numbers and their properties, linear equations and inequalities, systems of equations, polynomials, fractional expressions and equations, exponents and radicals, quadratic equations, and functions and their graphs.

Course Description (Instructor):

Course Objectives: To prepare students for college algebra. Specifically, at the successful completion of this course a student will be able to:

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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 read sections and do problems outside of class.

Grading Policy:

| Test (4) | 75% |
| Final Exam | 25% |

We will use the standard 10-point scale. A=90-100%, B=80-89%, etc…

Attendance: I will not include attendance as part of your course grade. I am 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.

Tentative Class Schedule: I will assume knowledge of Chapter P. You should look this chapter over, and if you get questions, please come see me. Below is a list of the sections we will
attempt to cover this semester. If time allows, more sections may be added. If time does not allow, some sections listed may be skipped.

Chapter 1: Sections 1-6
Chapter 2: Sections 1-7
Chapter 5: Section 1

**Test 1**

Chapter 3: Sections 1-4
Chapter 4: Sections 1-5

**Test 3**

**Test 2**

**Test 4**

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### 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 it 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 Date:

Final Date to Drop Courses With a W – **Friday, April 4, 2003**