

**Mathematics MAT 104 : Intermediate Algebra**  
**Section: B**  
**Fall 2004**  
**MWF 8:30 am - 9:20 am, Room B10**

**Instructor:** Dr. Brad Emmons  
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**Office Hours:** Monday and Fridays, 12:20 - 1:30 pm  
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### **Course Materials**

Intermediate Algebra, Angel (required)

### **Introduction**

MAT 104 is a course designed for students who have successfully completed a first course in elementary algebra, or who have passes MAT 100. We will cover solutions to equations and inequalities, graphs and functions, polynomial equations and inequalities, exponents and radicals, and quadratic equations.

### **Exams**

There will be a total of two in-class exams given during the semester, as well as a final cumulative exam. The exams will test your ability to work through some of the computations, as well as your ability to apply the techniques to certain applications. The in-class exams are scheduled for Friday, October 1 and Friday, November 5, and each will count for 25 percent of your final grade. The final exam will be held on Tuesday, December 14 at 9:00 a.m., and will count for 30 percent of your final grade. There will be no make-ups for missed exams. Please look over your schedule as soon as possible. If you see a potential conflict, inform me immediately.

### **Homework**

The best way to learn Mathematics is to solve problems. Homework will be assigned at the end of each class period. The homework assignments will not be collected for a grade. However, it is *strongly suggested* that you attempt and solve each of the problems assigned. I will mostly assign odd numbered problems, which have the answers in the back of the book. The homework is designed to help you identify where you might have difficulties. If you encounter any trouble with an assignment or a concept, seek help!

### **Quizzes**

During the last 10 minutes of class, there will be a 10 point quiz. Your two lowest quiz scores will be dropped. No make-up quizzes will be allowed. The quizzes will consist of one or two exercises from the previous days' lecture, and they are to make sure that you are keeping up with the concepts presented in class, and to identify where you are having problems before you take the exams. The quizzes will count for 20% of your final grade.

### **Attendance**

Attendance in MAT 104 is extremely important. Although there is no official attendance policy, note that if you are not in class on a particular day, you cannot take the quiz. I will also require that you be in class at 8:30 am and no later. If you are late to class, you may stay to take the quiz for that day. However, you will receive a 0 on the quiz for that day.

### **Grading**

Your grade in this course will be based on two main factors: quizzes and exams. The exams will be worth 80% of your final grade and the quizzes 20%. In addition to these factors, minor ethereal factors such attendance, class participation, attitude, and improvement over the course of the semester can also affect your grade. To determine your final grade, 90–100% = A, 80–89% = B, 70–79% = C, 60–69% = D, 59 and below = F, with the top two percents receiving a + and the bottom two percents receiving a –.

### **Calculators**

The use of calculators will not be allowed on any quizzes or exams. None of the work will require any

sophisticated computations. You may use a calculator when working on your homework to check your work. However, since will not be allowed to use it on the exam, I suggest you do as much work without your calculator as possible.

### **Important Dates**

Monday, September 6 – Last Day to Drop/Add  
Friday, October 1 – Exam I  
Monday, October 11 – Fall Break (no class)  
Tuesday, November 2 – General Election. (VOTE!)  
Friday, November 5 – Exam II  
Friday, November 5 – Deadline for WD or P/F  
Friday, December 10 – Last Day of Classes  
Saturday, December 11 and Sunday, December 12 – Study Days  
Tuesday, December 14, 9:00 a.m. - 11:30 a.m. – Final Exam

### **Suggestions**

Come to class with your homework assignment completed every day  
Study for at least 30 minutes each day in addition to completing your homework assignment  
Read the section we will be covering *before* we cover it in class  
Do not fall behind!  
Come to office hours to discuss homework and concepts. I am here to help!