

**TRIGONOMETRY**  
**2010-2011**  
**Syllabus**

*Instructor:* Robin Hanna  
*Office:* Room IDL

Required Textbook:  
McKeague, Charles P., Trigonometry, Brooks/Cole, 2002

***Course Description:***

This course is designed to introduce students to the definitions and principles of trigonometry and their application to problem solving. This course teaches a standard right triangle approach to trigonometry. All three definitions for the trigonometric functions are contained in the text.

***Course Objectives:***

1. Students will learn how to read the textbook to understand the process of problem solving.
2. Students will realize some information will need to be memorized.
3. Students will explain the problem solving process to fellow students.
4. Students will learn to ask questions when they have exhausted the above steps.
5. Students will realize the process for solving the problem is as important as the answer.

***Method of instruction:*** This course will use classroom lectures, group discussions, and board examples to cover textbook topics. Multiple choice tests will be given at the end of each chapter.

***MATHEMATICS***  
***CLASSROOM RULES***

1. BE IN YOUR ASSIGNED SEAT WITH REQUIRED MATERIALS WHEN THE BELL RINGS.
2. NO PUT-DOWNS, OBSCENE OR OFFENSIVE LANGUAGE.
3. TALKING WITH PERMISSION.
4. HOMEWORK IS TO BE TURNED IN THE DAY IT IS DUE.
5. USE CLASS TIME WISELY – no homework from other classes.
6. FOOD AND DRINKS IN CLASS ON DESIGNATED DAYS.
7. BRING A POSITIVE ATTITUDE TO CLASS.
8. RESPECT YOUR CLASSMATES.