

**SYLLABUS – MATH 1010 09
INTERMEDIATE ALGEBRA
FALL SEMESTER, 2009**

Time/ Room : (11:00 - 1150 am. / NIB Room #107)

Instructor: Robert J. Comeford
Credits: 4 hours
Text: Intermediate Algebra
Fifth Edition, 2009
Martin, Gray

Office : Room # 123
Hours: Tue and Thur 8:00 & 10:00 am
Email: comeford@dixie.edu

1. **OBJECTIVES:** All classes in mathematics at dixie College support the general education goal of the college.

Each will:

- a. Require students to perform mathematical processes including fractions, percentages, decimals, proportions/ratios, algebraic equations and / or calculus techniques.
- b. Provide students with application problems that use a variety of methods including arithmetical, algebraic and geometric methods.
- c. Challenge students to make inferences from mathematical models that include formulas, graphs and tables.
- d. Provide students with real-life applications that use a variety of mathematical functions.

Math 1010 is designed to give students a basic understanding of Intermediate Algebra and prepare them for the more advanced work in mathematics. Upon successful completion of this course, a student will demonstrate through testing the ability to:

1. Perform basic mathematical operations on rational numbers with and without a calculator, including fractions, percent, and decimals.
2. Use algebraic process to solve algebraic equation in one, two, and three unknowns.
3. Demonstrate the concept of equivalence including the use of variables to define relationship.
4. Work with functions that serve as models of real-world problems including polynomial, quadratic, exponential, and logarithmic functions.

If you are a student with a medical, psychological, or learning disability or think you may have a disability and would like accommodations, contact the Disability Resource Center at (652-75-16) in the Student Center. The Disability Resource Center will determine eligibility based on your professional documentation and determine the appropriate accommodations related to your disability.

2. **CALCULATORS:** A scientific calculator is required, and a graphing calculator would be helpful.

The TI-83 Plus will be used in class and is highly recommended for Math 1010 & Math 1050(Non Calculus students.) The TI - 89 is recommended for advance math classes: Math 1050, Math 1060, Math 1090,Math 1100, Math 1210.

3. **EXAMINATIONS:** Each student is expected to take the examinations as scheduled in the syllabus.

Make up exams will be given at the discretion of the instructor, and only if prior arrangements has been made. No prior arrangement will be a zero score on the exam that was missed. **There will be no retakes of an exam. A final comprehensive exam will be given at the end of the term. The lowest test score can be replaced with the percent earned on the final exam.**

4. **ATTENDANCE: Attendance is essential and roll will be taken.** You will not be able to make up any in-class activities performed in classes that you miss. Tardiness can be disruptive to the instructor and the students in the concentration of the concepts being taught. If for some reason you have a perpetual problem in getting to this class, you may need to change your math class to a better fit your schedule. Generally, students missing concepts because of lateness, can cause the students to get low test scores.

5. **ASSIGNMENT:** Homework assignments are to be done each day. Homework will be corrected and reviewed the next day. Homework will be collected after the first 4 sections and then again after the next 4 sections are completed.

For students to receive credit for assignments, homework needs to have the correct answers with proper work showing the solution not just answers. (**No work, no Credit.**) Put all homework in chronological order by Sections. (**Example Sec 2.1, 2.2,2.3, 2.4, etc.**) Staple them together on the left top corner. Place your name, class, date, and section number in the right hand corner. **Example: John Doe**

Math 1010

Aug 24, 2009

Sec 2.1

HELP: I am available for help during posted office hours. There are also tutors available in the Browning Building.

GRADES: Grades will be based on the ratio of the number of points earned by the student to the total number of points possible on all Assignments, Examinations and Quizzes. **Grades will be assigned as follows:**

A	94-100 %	B-	80-82 %	D+	64-66 %
A-	90-93 %	C+	75-79 %	D	62-63 %
B+	87-89 %	C	70-74 %	D-	60-61 %
B	83-86 %	C-	67-69 %	F	0-59 %

HAVE A GOOD YEAR IN MATH

**TRY YOUR BEST
BE YOUR BEST
FIND SUCCESS**

The Syllabus is subject to change. If for some reason the syllabus, mainly the assignments, needs to be changed, the instructor will tell the students of the change in class.

