

SYLLABUS -MATH 1010  
INTERMEDIATE ALGEBRA  
FALL SEMESTER, 2011 (M, Tu, TH, F)  
Time/ Room: ( 10:00 am-10:50 am) NIB Room # 133

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

Office: NIB Room # 134  
Hours: Tue and Thur 9:00 & 11:00  
Email : [comeford@dixie.edu](mailto: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

Late assignment will receive  $\frac{1}{2}$  credit off.

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.



**Semester Schedule****2011 Fall Semester**

Apr 11 Registration open to Seniors (90+ credits)  
 Apr 12 Registration open to Juniors (60+ credits)  
 Apr 13 Registration open to Sophomores (30+ credits)  
 Apr 14 Open Registration  
 Aug 22 Classwork Starts  
 Aug 24 Last Day to Add Without Signature  
 Aug 29 Drop/Audit Fee Begins (\$10 per class)  
 Sep 5 Labor Day  
 Sep 6 \$50 Late Registration/Payment Fee  
 Sep 12 Pell Grant Census  
 Sep 12 Last Day for Refund  
 Sep 12 Last Day to drop without receiving a "W" grade  
 Sep 13 Courses dropped for non-payment  
 Sep 16 Last Day to ADD Classes  
 Sep 30 Graduation Application Deadline  
 Oct 12 Mid-Term Grades Due  
 Oct 13-14 Semester Break  
 Oct 17 Last Day to DROP/AUDIT Classes  
 Nov 11 Last Day for Complete Withdrawal  
 Nov 14 Spring Registration open to Seniors (90+ credits)  
 Nov 15 Career Day  
 Nov 15 Spring Registration open to Juniors (60+ credits)  
 Nov 16 Spring Registration open to Sophomores (30+ credits)  
 Nov 17 Spring Registration Open to All Students  
 Nov 23-25 Thanksgiving Break  
 Dec 9 Classwork Ends  
 Dec 12-16 Final Exams

**2011 Fall Semester (Block)**

Apr 11 Registration open to Seniors (90+ credits)  
 Apr 12 Registration open to Juniors (60+ credits)  
 Apr 13 Registration open to Sophomores (30+ credits)  
 Apr 14 Open Registration  
 Sep 30 Graduation Application Deadline  
 Oct 3 Classwork Starts  
 Oct 5 Last Day to Add Without Signature  
 Oct 10 Drop/Audit Fee Begins (\$10 per class)  
 Oct 11 \$50 Late Registration/Payment Fee  
 Oct 13-14 Semester Break  
 Oct 17 Last Day to ADD Classes  
 Oct 17 Pell Grant Census  
 Oct 17 Last Day for Refund  
 Oct 17 Last Day to drop without receiving a "W" grade  
 Oct 18 Courses dropped for non-payment  
 Oct 28 Last Day to DROP/AUDIT Classes  
 Nov 11 Last Day for Complete Withdrawal  
 Nov 14 Spring Registration open to Seniors (90+ earned credits)  
 Nov 15 Career Day  
 Nov 15 Spring Registration open to Juniors (60+ earned credits)  
 Nov 16 Spring Registration open to Sophomores (30+ earned credits)  
 Nov 17 Spring Registration open to All Students  
 Nov 23-25 Thanksgiving Break  
 Dec 9 Classwork Ends  
 Dec 12-16 Final Exams