

DIXIE STATE COLLEGE - - Spring 2010  
MATHEMATICS DEPARTMENT

**Course Number:** MATH 1050**Section Number:** 50**Room Number:** NIB 144**Instructor:** Ross Decker**Office Phone Number:** 652-7763**Text:** Intermediate Algebra (5th Edition)**Prerequisites:** C or better in **MATH 990** or ACT Math score of 18 or higher.**Course Title:** Intermediate Algebra**Meeting Time:** M, W 5:15 – 6:55 PM

Jan 11 to May 3

**Office Room Number:** NIB 139**Office Hours:** 9 to 10 daily, or by appointment**Author:** K. Elayn Martin-Gay

Exam dates and points possible are as follows:

|                      |                         |                   |
|----------------------|-------------------------|-------------------|
| Exam R               | January 20-25           | 100 points        |
| Exam 1               | Feb 8 – Feb 10          | 100 points        |
| Exam 2               | Mar 1 – Mar 3           | 100 points        |
| Exam 3/6             | March 24                | 100 points        |
| Exam 4               | April 5-7               | 100 points        |
| Exam 5               | April 14-19             | 100 points        |
| Final Exam           | May 3<br>(5:00-7:00 PM) | 200 points        |
| Homework             | (5 points each)         | <u>115 points</u> |
| <b>TOTAL POINTS:</b> |                         | <b>915 points</b> |

**ATTENDANCE:** Any student who misses the first two days of class will be dropped from the class.**DISHONESTY:** If it is determined that you cheated, you will receive a zero for that exam.

If cheating occurs a second time, you will receive an F for the course.

**DISABILITIES:** If you are a student with a medical, psychological, or learning disability, and would like accommodations or think you might have a disability, contact the Disability Resource Center (652-7516) in the Student Services Center, Room 201. The Disability Resource Center will determine eligibility based on your professional documentation and determine the appropriate accommodations related to your disability.**GRADES:** Your semester grade will be based on the following scale: **A**(92-100%), **A-**(89-92%), **B+**(86-89%), **B**(82-86%), **B-**(79-82%), **C+**(76-79%), **C**(72-76%), **C-**(69-72%), **D+**(66-69%), **D**(62-66%), **D-**(59-62%), **F**(0-59%)**GENERAL REMARKS:** It is the responsibility of each student to make time each day to read the text, attempt all homework problems, study for exams, and get extra help. Your work should be neat and easily read. Problems will be graded more for the work shown than for the final answer. Assignments should be considered a minimum and many students should work additional problems to reach mastery. Course schedules, assignments, and exam dates are subject to change as circumstances dictate.

### COURSE OBJECTIVES

All mathematics classes at Dixie State College will:

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

Upon successful completion of MATH 1010, a student will demonstrate through testing, the ability to:

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

**MON****1/11**

R.3 &amp; R.4

**1/18**

MLK Day

**1/25**

1.1 &amp; 1.2

**2/1**

1.5 &amp; 1.6

**2/8**

Review Ch 1

**2/15**

Presidents Day

**2/22**

2.5 &amp; 2.6

**3/1**

Review Ch 2

**3/8**

S P R I N G

**3/15**

3.3 &amp; 6.1

**3/22**

3.6, Review Ch 3/6

**3/29**

4.1, 4.2, 4.3

**4/5**

4.6, Review Ch 6

**4/12**

5.5 &amp; 5.6

**4/19**

7.1, 7.2, 7.3

**4/26**

7.6 &amp; 7.7

**5/3**Final Exam  
(5:00-7:00 PM)**5.3** 1-45eoo,61,63,65,75**5.5** 1-37eoo,47,51,55**5.6** 1-17eoo,29-45eoo,71,73,75,79,81**WED****1/13**

R.5 &amp; R.6

**1/20**

R.7, Review Ch R

**1/27**

1.3 &amp; 1.4

**2/3**

1.7 &amp; 1.8

**2/10**

2.1 &amp; 2.2

**2/17**

2.3 &amp; 2.4

**2/24**

2.7 &amp; 2.8

**3/3**

3.1 &amp; 3.21

**3/10**

B R E A K

**3/17**

6.2 &amp; 3.5

**3/24**

Exam 3/6

**3/31**

4.4 &amp; 4.5

**4/7**

5.1 &amp; 5.3

**4/14**

Review Ch 5

**4/21**

7.4 &amp; 7.5

**4/28**

Final Review

**7.1** 7-43eoo,53-65eoo,25,77**7.2** 1-61eoo,23,69,72,73**7.3** 5-41eoo,57,61,64,65**R.3** 11-27eoo,33-89eoo**R.4** 1-73eoo,79-103eoo**R.5** 1-69eoo**R.6** 1-97eoo**R.7** 1-85 eoo,99,101,103**1.1** 1-9o,13-65eoo**1.2** 1-11o,15-39eoo,17,25**1.3** 1-7o,9-77eoo,83,87**1.4** 1-9o,13-77eoo,31**1.5** 1-5o,9-45eoo,57**1.6** 1-77eoo,27,93,97**1.7** 1-53eoo,55-59,61-77eoo,95**1.8** 1-8,9-65eoo,81-89eoo**2.1** 13-57eoo**2.2** 3-27eoo,37-49eoo**2.3** 1-13eoo,17-22,23-83eoo**2.4** 1-6,9-21eoo,25-28,31-55eoo,59-65**2.5** 1-4,5-57eoo,59**2.6** 1-10,11-47eoo,45,49,50**2.7** 1-65eoo,3,15,3167-72**2.8** 1-85eoo**3.1** 1,3,5-8,12,13-25o,28,30,37-46,47-59eoo,67**3.2** 1-33eoo,15,41-45o**3.3** 5-9o,17-21o,27,49**6.1** 1-41eoo,31,39,51,53**6.2** 1-25eoo,43,48**3.5** 9-17,19,21**3.6** 1,3,7-10,11-39eoo,25**4.1** 1-17o,19-26,35-79eoo,77**4.2** 1-25eoo,49-77eoo,71,75,83**4.3** 1-29o,59-87o,91**4.4** 1-9o,13-81eoo,47**4.5** 1-69eoo,71-75o,77,12,23,39,60**4.6** 1-4,5-41eoo,20**5.1** 9-53eoo,69,73,77,87**7.4** 1-45eoo,42,47,49**7.5** 1-65eoo**7.6** 1-61eoo,35,39,55**7.7** 1-33eoo,35Testing Center HoursMonday

1 PM to 10 PM

Tuesday, Wednesday, Thursday, Friday

9 AM to 10 PM

Saturday

2 PM to 10 PM

Sunday

4 PM to 10 PM