SYLLABUS---MATH 1010 SECTION 1
INTERMEDIATE ALGEBRA
CRN# 20357
SPRING SEMESTER, 2013
M,W,F 7:45 AM

Instructor: Scott Mortensen   Office: NIB 120   652-7764
Credits: 4 Hours   mortense@dixie.edu
Text(**Optional**):   Intermediate Algebra   Hours: Mon, Wed 11-12
                                    Martin-Gay   Tues. 10-12
                                    Sixth Edition   Other times by appt.

Computer Software: http://www.coursecompass.com
Course ID # mortensen01918

This section will be taught as a lecture course but will include an extensive computer based component.
This means all homework and the daily quiz will be done, checked and submitted to the instructor on the
computer through a program called My Math Lab. You will also be given practice tests and review
problems on the computer, although the chapter tests and final exam will be given in class. **You will need
access to a computer with internet for daily assignments.** Computer labs on campus are available to
those students who do not have internet access. We suggest that you go to the following web site and
watch the information under "students" before making any decision to purchase the software:
http://www.coursecompass.com . You can find your course ID number on this syllabus.   You will receive
more complete instructions on the first day of class.

1. OBJECTIVES: All classes in mathematics at Dixie College support the general education goal of the
college. Each class will:
- Require students to perform mathematical processes including fractions, percentages, decimals,
  proportions/ratios, algebraic equations and/or calculus techniques.
- Provide students with application problems that use a variety of methods including arithmetical,
  algebraic and geometric methods.
- Challenge students to make inferences from mathematical models that include formulas, graphs and
  tables.
- 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 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, 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 of real-world problems including polynomial,
     quadratic, exponential, and logarithmic functions.

If you are a student with a medical, psychological, or learning disability and need accommodations, contact the Disability Resource Center (652-7516) in the Student Services Center. The Disability Resource Center will determine your and the appropriate accommodations related to your disability.

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

3. EXAMINATIONS: Each student is expected to take the examinations as scheduled in the syllabus. **Make-up exams will not be given.** A final comprehensive exam will be given at the end of the term. The **ONE** lowest test score can be replaced with the percent earned on the final exam. **All exams will be given in class.** If you miss more than one test, your chances of passing the class are greatly diminished.

4. ATTENDANCE: Attendance is essential and roll will be taken and may be counted into your grade. Tardiness will be frowned upon and may invoke the ire of the instructor.

5. ASSIGNMENTS AND QUIZZES: Homework assignments and quizzes are to be done on the computer each day and submitted to the instructor. Each assignment and quiz is due the second school day after they are assigned. Points will be deducted from assignments for each day past the due date. However, quizzes may only be attempted twice, and the highest score will be counted. It is very important that you keep current on the assignments.

6.   HELP: I am available for help during posted office hours, and other times by appointment. There are also tutors available upstairs in the NIB and also in the Browning Resource Center.

7.   SEMESTER SCHEDULE: http://new.dixie.edu/reg/?page=spring2012

8. 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, quizzes and examinations. Grades will be sent to your Dmail address after each test. Grades will be assigned as follows:

A	100 – 94%	**B**	86 – 83%	**C**	74 – 70%	**D**	59 – 55%
A-	93 – 90%	**B-**	82 – 80%	**C-**	69 – 65%	**D-**	54 – 50%
B+	89 – 87%	**C+**	79 – 75%	**D+**	64 – 60%	**F**	49 – 0%

ASSIGNMENT SCHEDULE

JAN	7	2.1		M	4	6.3
W	9	2.2				6.4
F	11	2.3		W	6	6.5
		2.4		F	8	6.6
M	14	2.5				6.7
		2.6		**MAR 11-15**		**NO SCHOOL**
W	16	2.7		M	18	REVIEW
F	18	REVIEW		**W**	**20**	**TEST CHAPTER 6**
JAN.	**21**	**NO SCHOOL**		F	22	7.1
W	**23**	**TEST CHAPTER 2**				7.2
F	25	3.1		M	25	7.3
		3.2				7.4
M	28	3.3		W	27	7.5
		3.4		F	29	7.6
W	30	3.5				7.7
FEB	1	4.1		APR	1	8.1
		4.2		W	3	8.2
M	4	4.3				8.3
W	6	REVIEW		F	5	REVIEW
F	**8**	**TEST CHAPTERS 3-4**		**M**	**8**	**TEST CHAPTERS 7-8**
M	11	5.1		W	10	9.1
		5.2				9.2
W	13	5.3		F	12	9.3
		5.4				9.4
F	15	5.5		M	15	9.5
		5.6				9.6
FEB. 18		**NO SCHOOL**		W	17	9.7
W	20	5.7		F	19	REVIEW
		5.8		**M**	**22**	**TEST CHAPTER 9**
F	22	REVIEW		W		FINAL REVIEW
M	**25**	**TEST CHAPTER 5**				
W	27	6.1		**APR. 29**		**FINAL EXAM(7:30-9:30 AM)**
MAR	1	6.2				