

SYLLABUS---MATH 1010
INTERMEDIATE ALGEBRA
CRN# 40077

FALL SEMESTER, 2009

M,Tu,W,Th, 12:00 pm

Instructor: Odean Bowler

Office: NIB 123

Credits: 4 Hours

bowler@dixie.edu

Text: Intermediate Algebra
Martin-Gay
Fifth Edition 2009

Hours: by appointment

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. The TI-83/TI-84 Plus will be used in class and is highly recommended for Math 1010, Math 1050(Non-Calculus students) and Math 1090. The TI-89 is recommended for Math 1050, Math 1060, Math 1100, and Math 1210. Instruction will also be given on the TI-85, TI-86 and TI-92.

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 have been made. 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, but will not be counted into your grade. Tardiness will be frowned upon and may invoke the ire of the instructor.

5. ASSIGNMENTS: Homework assignments are to be done each day, but will only be collected on the day of the test. Put all homework together, fold in half lengthwise, and at the top include: (for example)

John Doe
Math 1010, 9:00
Ch. 2
ALL - ?

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

7. SEMESTER SCHEDULE: <http://new.dixie.edu/reg/?page=fall2009>

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 and examinations. Grades will be emailed to your Dmail account.

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 (M1010,F09.M,Tu,W,TH)

AUG	24	2.1	EOO-65,35,67-72 ALL,81	TH, F	15-16	NO SCHOOL
Tu	25	2.2	EOO-66,23,24,43,80	M	19	6.3 EOO-41
W	26	2.3	EOO-37,31,51,53			6.4 1,3,5,29,30
TH	27	2.4	EOO-73,75,81-84 ALL	Tu	20	6.5 EOO-45,31
M	31	2.5	EOO -65,81,82,83,85	W	21	6.6 EOO-61,31
SEP	1	2.6	EOO-65,75,76,77	TH	22	6.7 EOO- 53,23,31,47,51
W	2	2.7	EOO-73	M	26	REVIEW
TH	3		REVIEW	Tu	27	TEST CHAPTER 6
SEPT	7		NO SCHOOL	W	28	7.1 EOO-81,109
Tu	8		REVIEW			7.2 EOO-85,86
W	9		TEST CHAPTER 2	TH	29	7.3 EOO-89
TH	10	3.1	1-16 ALL, 17-61 EOO, 65-72 ALL, 77-80 ALL	NOV	2	7.4 EOO-73
M	14	3.2	ODDS-39, EOO 57-85,55, 71,75,79,95	Tu	3	7.5 EOO-65
Tu	15	3.3	9-12 ALL,13-57 EOO,31, 73,75,77	W	4	7.6 EOO-61,51,55,64,66,69
		3.4	EOO-61,35,39,67,75,78	TH	5	7.7 EOO-49,51,65,73,75,77
W	16	3.5	EOO-81,39,43,47,55,75	M	9	8.1 EOO-61,75,77,81,83
TH	17	4.1	EOO-61,73-82 ALL	Tu	10	8.2 EOO-33,51,55,63,64
M	21	4.2	1,3,5,9,17,21,39	W-TH	12-13	8.3READ (NO CLASS)
Tu	22	4.3	EOO-33,7,20,55,X5	M	16	8.3 EOO-37,49,57,61,63
W	23		REVIEW	Tu	17	CAREER DAY-NO SCHOOL
TH	24		TEST CHAPTERS 3-4	W	18	REVIEW
M	28	5.1	EOO-93,95,111,113,135	TH	19	TEST CHAPTERS 7-8
		5.2	EOO -37,19,47,57,69,73	M	23	9.1 EOO-33,27,31,43,45
Tu	29	5.3	EOO-65,75,81,85,89-92, 111,113,119	Tu	24	9.2 EOO-49,15
		5.4	EOO-73,81,83	W	25	9.3 EOO-49,47
W	30	5.5	EOO-65	TH-F	25-27	THANKSGIVING BREAK
OCT	1	5.6	EOO-77,67	M	30	9.4 EOO-73,31,43
M	5	5.7	EOO-53,83,85,87	DEC	1	9.5 EOO-61,35,43,55,59
Tu	6	5.8	EOO-53,71,73,75,81,87	W	2	9.6 EOO-65,47,51,67
W	7		REVIEW	TH	3	9.7 EOO-53,47
TH	8		TEST CHAPTER 5	M	7	REVIEW
M	12	6.1	EOO-73	Tu	8	TEST CHAPTER 9
Tu	13	6.2	EOO-65,75	W	9	FINAL REVIEW
				TH	10	FINAL REVIEW
				M	14	FINAL EXAM 12:30 – 2:30 p.m.

Fall 2009 Class Schedule

REGULAR SEMESTER DATES

Apr 13	Registration open to Seniors (90+ credits)
Apr 14	Registration open to Juniors (60+ credits)
Apr 15	Registration open to Sophomores (30+ credits)
Apr 16	Open Registration
Aug 24	Classwork Starts
Aug 26	Last Day to Add Without Signature
Aug 31	Drop fee begins (\$10 per class)
Sep 7	Labor Day
Sep 8	\$50 Late Registration/Payment Fee
Sep 14	Pell Grant Census
Sep 14	Last Day for Refund
Sep 15	Courses dropped for non-payment
Sep 18	Last Day to Add Classes
Oct 14	Mid-Term Grades Due
Oct 15-16	Semester Break
Oct 19	Last Day to Drop/Audit Classes
Nov 13	Last Day for Complete Withdrawal
Nov 17	Career Day
Nov 25-27	Thanksgiving Break
Dec 11	Classwork Ends
Dec 14-18	Final Exams

BLOCK SCHEDULE DATES

Apr 13	Registration open to Seniors (90+ credits)
Apr 14	Registration open to Juniors (60+ credits)
Apr 15	Registration open to Sophomores (30+ credits)
Apr 16	Open Registration
Oct 5	Classwork Starts
Oct 7	Last Day to Add Without Signature
Oct 12	Drop fee begins (\$10 per class)
Oct 12	Pell Grant Census
Oct 13	\$50 Late Registration/Payment Fee
Oct 15-16	Semester Break
Oct 19	Last Day to Add Classes
Oct 19	Last Day for Refund
Oct 20	Courses dropped for non-payment
Oct 30	Last Day to Drop/Audit Classes
Nov 13	Last Day for Complete Withdrawal
Nov 17	Career Day
Nov 25-27	Thanksgiving Break
Dec 11	Classwork Ends
Dec 14-18	Final Exams

USEFUL PHONE NUMBERS

(435) 652 - XXXX

Problems registering	7708
Admissions Issues	7706
Need Advisement	7690
Tuition question	7605
Campus Operator	7500

FINAL EXAM SCHEDULE

Mon - Dec 14	Tue - Dec 15	Wed - Dec 16	Thu - Dec 17	Fri - Dec 18
Daily, MWF, MW, M Only	TR, T Only	Daily, MWF, MW, M Only	TR T Only	Daily, MWF, MW, M Only
Class Time Exam Time	Class Time Exam Time	Class Time Exam Time	Class Time Exam Time	Class Time Exam Time
9:00 10:00-12:00	7:30/8:00 7:00-9:00	7:00 7:00-9:00	9:00 8:00-10:00	8:00 7:30-9:30
12:00 12:30-2:30	10:30 9:30-11:30	10:00 9:30-11:30	12:00 11:00-1:00	11:00 10:00-12:00
3:00 3:00-5:00	1:00 12:30-2:30	1:00 12:00-2:00	2:30 2:00-4:00	2:00 12:30-2:30
		4:00 2:30-4:30		
MW or M Only Classes	TR, T Only	Wed Only Classes	Thur Only Classes	Fri Only Classes
5:00 5:00	5:00 5:00	5:00 5:00	5:00 5:00	5:00 5:00
7:30 7:30	7:30 7:30	7:30 7:30	7:30 7:30	7:30 7:30