

SYLLABUS---MATH 1010 SECTION
INTERMEDIATE ALGEBRA
CRN#

FALL SEMESTER, 2010

M,Tu,W,F 12:00 pm

Instructor: ODEAN BOWLER

Credits: 4 Hours

Text: (Optional) Intermediate Algebra D. Franklin Wright, Sixth Edition

Office: NIB

bowler@dixie.edu

Office Hours: By Appointment

Computer Software <http://www.hawkeslearning.com/Support/InstallationInstructions.aspx>

Hawkes Course I.D. DixieStateIMA

The section that you have enrolled in will be taught as a lecture course but will include an extensive computer based component. This means all homework will be done, checked and submitted to the instructor on the computer through a program called Hawkes Learning Systems. 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 for daily assignments and it is highly recommended that you have access to internet. The assignments can be done on the computer without internet access but you will be required to access the internet for submission. The Smith Computer Center is available to those students who do not have alternate internet access. I suggest that you go to the following web site and watch the "Student Video Tour" before making any decision to purchase the software: <http://www.hawkeslearning.com/students.aspx> If you feel this new system is not what you want, you need to transfer into a non-computer based section. The Math Secretary, Department Chair, or any instructor will help you find another section.

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.

Students with medical, psychological, learning or other disabilities desiring reasonable academic adjustment, accommodations, or auxiliary aids to be successful in this class will need to contact the DISABILITY RESOURCE CENTER Coordinator (Baako Wahabu) for eligibility determination. Proper documentation of impairment is required in order to receive services or accommodations. DRC is located at the ground floor of the Financial Aid Office. Visit or call 652-7516 to schedule appointment to discuss the process. DRC Coordinator determines eligibility for and authorizes the provision of services.

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.

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 on the computer each day and submitted to the instructor. Each assignment is due the day after the chapter review. Late homework will not be accepted unless proper arrangements have made with the instructor. It is very important that you keep current on the assignments.

6. HELP: I am available for help by appointment. There are also tutors available in the Browning Resource Center and the NIB.

7. SEMESTER SCHEDULE: <http://new.dixie.edu/reg/?page=fall2010>

8. GRADES: Grades will be calculated approximately as follows:
Assignments 20% Chapter Tests 60% Final Exam 20%

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%

9. ENROLL IN CLASS: The following web page has the instructions needed to enroll in the Math 1010 section that you are registered for. **This must be done for you to be added to my online Grade Book.** <http://www.hawkeslearning.com/Support/InstallationInstructions.aspx>. If you need help, please ask the instructor. You will need this information:

Hawkes CourseID: DixieStateIMA
Instructor Name: Odean Bowler
Course Section:

MON	TUE	WED	FRI
8/23 2.1	8/24 2.2	8/25 2.3	8/27 2.4
8/30 2.5	8/31 2.6	9/1 2.7	9/3 Review Ch 2
9/6 Labor Day	9/7 Exam 2	9/8 3.1 & 3.2	9/10 3.3
9/13 3.4	9/14 3.5	9/15 4.1 & 4.2	9/17 4.3
9/20 Review Ch 3-4	9/21 Exam 3/4	9/22 5.1	9/24 5.2
9/27 5.3	9/28 5.4	9/29 5.5	10/1 5.6
10/4 5.7	10/5 5.8	10/6 Review Ch 5	10/8 Exam 5
10/11 6.1	10/12 6.2	10/13 6.3	10/15 Fall Break
10/18 6.4	10/19 6.6	10/20 6.7	10/22 6.8
10/25 Review Ch 6	10/26 Exam 6	10/27 7.1	10/29 7.2
11/1 7.3	11/2 7.4	11/3 7.5	11/5 7.6
11/8 7.7	11/9 8.1	11/10 8.2	11/12 8.3
11/15 Review Ch 7-8	11/16 Career Day	11/17 Exam 7/8	11/19 9.1
11/22 9.2	11/23 9.3	11/24 Thanksgiving Break	11/26
11/29 9.4	11/30 9.5	12/1 9.6	12/3 9.7
12/6 Review Ch 9	12/7 Exam 9	12/8 Review fro Final	12/10 Review for Final
12/13 Final Exam 9:30-11:30			

2.1 1-85eoo,31,79,83,84
2.2 1-69eoo,23,24,71
2.3 1-37eoo,31,51,53
2.4 1-85eoo,87-90,79
2.5 1-65eoo,75,77,79,81
2.6 1-65eoo,75,76,77
2.7 1-75eoo
3.1 1-16,17-53eoo,63-67,75-78
3.2 1-39odd,55-95eoo,85
3.3 1-53eoo,11,31,73,77
3.4 1-73eoo,35,63,75,88-93
3.5 1-81eoo,39,43,47,55,75
4.1 1-61eoo,73-82
4.2 1,3,5,9,17,21,39
4.3 1-45eoo,7,19,53
5.1 1-93eoo,105,111,119
5.2 1-73eoo,85,87
5.3 1-85eoo,89-92,103,105,111
5.4 1-73eoo,81,83
5.5 1-65eoo,82
5.6 1-81eoo,47
5.7 1-65eoo,35,73,79,83
5.8 1-65eoo,3,47,73,75,81
6.1 1-73eoo
6.2 1-61eoo,79
6.3 1-37eoo,56,57
6.4 1,3,5,7,9,10
6.6 1-45eoo,31
6.7 1-57eoo,14,30
6.8 1-53eoo,31,36
7.1 1-81eoo,105
7.2 1-85eoo,63,83
7.3 1-69eoo,67
7.4 1-73eoo
7.5 1-69eoo

7.6 1-37eoo,47,53,55,59,61,64,69
7.7 1-45eoo,61,63,65,67,77-81
8.1 1-53eoo,75,77,98,101
8.2 1-21eoo,27,29,33,37,51,55, 65

8.3 1-25eoo,33,37,57,59,61,63
9.1 1-33eoo,41,43,44
9.2 1-49eoo,15,19,27
9.3 1-49eoo,47

9.4 1-69eoo,27,39
9.5 1-61eoo,43,51,55
9.6 1-65eoo,39,47,51,67
9.7 1-53eoo

Testing Center Hours

Monday
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

Fall 2010 Class Schedule

Apr 12	Registration open to Seniors (90+ credits)	Sep 17	Last Day to ADD Classes
Apr 13	Registration open to Juniors (60+ credits)	Oct 1	Graduation Application Deadline
Apr 14	Registration open to Sophomores (30+ credits)	Oct 14-15	Semester Break
Apr 15	Open Registration	Oct 18	Last Day to DROP/AUDIT Classes
Aug 23	Classwork Starts	Nov 12	Last Day for Complete Withdrawal
Aug 25	Last Day to Add Without Signature	Nov 15	Registration open to Seniors (90+ credits)
Aug 30	Drop/Audit Fee Begins (\$10 per class)	Nov 16	Career Day
Sep 6	Labor Day	Nov 16	Registration open to Juniors (60+ credits)
Sep 7	\$50 Late Registration/Payment Fee	Nov 17	Registration open to Sophomores (30+ credits)
Sep 13	Pell Grant Census	Nov 18	Open Registration
Sep 13	Last Day for Refund	Nov 24-26	Thanksgiving Break
Sep 13	Last Day to drop without receiving a "W" grade	Dec 10	Classwork Ends
Sep 14	Courses dropped for non-payment	Dec 13-17	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 13	Tues - Dec 14	Wed - Dec 15	Thur - Dec 16	Fri - Dec 17
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
7:00 7:00-9:00	7:30/8:00 7:00-9:00	8:00 7:30-9:30	9:00 8:00-10:00	9:00 10:00-12:00
10:00 9:30-11:30	10:30 9:30-11:30	11:00 10:00-12:00	12:00 11:00-1:00	12:00 12:30-2:30
1:00 12:00-2:00	1:00 12:30-2:30	2:00 12:30-2:30	2:30 2:00-4:00	3:00 3:00-5:00
4:00 2:30-4:30	Thur Only Classes	Wed Only Classes	TR, T Only	Fri Only Classes
MW or M 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				