SYLLABUS – MATH 1050 - 06 (Room # 106 – time 10:00-10:50 am)
COLLEGE ALGEBRA / PRE-CALCULUS
CRN (40101) /(42140) V
FALL SEMESTER, 2010 (M, TU, TH, F)

Instructor: Robert J. Comeford
Credits: 4 hours
Text : College Algebra
Tenth Edition
Lial, Honsby, Schneider

Office: NIB Room # 134
Hours: Tue and Thur(7:30,(9:00(11:00)am
email: comeford@dixie.edu

1. OBJECTIVES: All classes in mathematics at Dixie College support the general education goal of the college, and 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.

Upon successful completion of this course, the students will demonstrate through testing the ability to:

1. **Apply functional notation.**
2. **Determine symmetries that exist in the graph of an equation.**
3. **Graph polynomial functions and find their intercepts, maxima, and minima.**
4. **Analyze the key components of the graph of polynomial and rational functions.**
5. **Compute the composition and inverses of functions.**
6. **Graph exponential and logarithmic functions.**
7. **Apply properties of logarithms and exponents in simplifying expressions an solving equations.**
8. **Solve systems of linear equations using substitution, elimination, matrices, and Cramer's rule.**
9. **Solve non- linear systems of equations and inequalities.**
10. **Find terms and sums of arithmetic and geometric sequences and series.**
11. **Compute the terms of a binomial expansion.**

(Prerequisite: C or better in Math 1010 or ACT score of 23 or higher) Math 1010 needed to be take with in the last 2 years.

Disability Statement

Students with medical, psychological, learning or other disabilities desiring reasonable academic adjustment, accommodations, or auxiliary aide 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. D.R.C. is located at the ground floor of the Financial Aid Office. Visit or call 652-7516 to schedule appointment to discuss the process. D.R.C. Coordinator determines eligibility for and authorizes the provision of services.

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.

ASSIGNMENTS: Homework assignments are to be done each day. Homework will be corrected and reviewed the next day. Homework will be collected each day. 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)** Place your name, Class, Date and section number in the right hand corner of your homework. **Example: John Doe**
Math 1010
Aug 23, 2010
Sec. 2.1

HELP: I am available for help during posted office hours. There are also tutors available in the **Browning Building at no cost to you.**

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 if we have any.

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

Hard work is the price for Success,
And it must be paid in Full.

SO
TRY YOUR BEST
BE YOUR BEST
FIND SUCCESS

Mr Comeford: (10 :00 -10:50 am Nib Room # 106)

2010 Fall Semester Assignment Schedule (Math 1050 - 060 CRN (40101/ 42140V))

Date	Sec	Problems
M Aug 23	Review	handout
Tu 24	1.1	1 - 65 EOO, 3, 7
Th 26	1.2	1-11EOO, 15-39 EOO,17,25
F 27	1.3	1-77 EOO, 3,7,83,87
M 30	1.4	1-77 EOO, 3,7,31
Tu 31	1.6	1-77 EOO, 27,93,97
Th SEP 2	1.7	1-53 E00, 61,65,69
F 3	1.8	1-8 all, 9-65 EOO, 81,85,89
M 6		LABOR DAY
Tu 7		Review for Chapter Test 1
Th 9		Chapter 1 Test
F 10	2.1	13-59EOO, 41
M 13	2.2	3-27 EOO,37-49 EOO,
Tu 14	2.3	1-13EOO,17-22 All,23-83 EOO
Th 16	2.4	1-6 All,9-2125-28 All, 31-55EOO,59-65 All
Fr 17	2.5	1-4 All, 5-57 EOO, 59
M 20	2.6	1-10All, 11-47EOO, 45,49,50
Tu 21	2.7	1,3,5,9,15,21,31,33,35,
		37,41,45,53,55,61,65,
Th 23	2.8	1-85 EOO
F 24		Review for Chapter Test 2
M 27		Chapter 2 Test
Tu 28	3.1	1,3,5-8 All, 12,-25 EOO,27-46 All
		47,51,59
Th 30	3.2	1-33 EOO,15,41,43,45
F Oct 1	3.3	5,7,9,17,19,21,27,29,41,
		43,45,49,63,97,99
M 4	3.4	1-9,15,19-29 ODD,33-41 EOO
Tu 5	3.5	9-17,19,21,61,65,67,68,89,91
Th 7	3.6	1,3,7-10 All,11-39 EOO, 25
F 8		Review for Chapter Test 3
M 11		Chapter 3 Test
Tu 12	4.1	1-17ODD, 19-26 All, 35-79 EOO, 77
Th-F 14 -15		Semester Break

Date	Sec	Problems
M 18	4.2	1-25EOO, 49-77EOO,71,75,83
Tu 19	4.3	1-29 Od, 59-87ODD,91
Th 21	4.4	1-81EOO, 3,7,49,57,
F 22	4.5	1-77EOO, 12,23,39,60,71,75
M 25	4.6	1-4 all, 5-41EOO, 20, 17
Tu 26		Review for chapter test 4
Th 28		Chapter 4 Test
F 29	5.1	9-53EOO,69,73,77
M Nov 1	5.3	1-45EOO,61,63,65,75
Tu 2	5.5	1-37 EOO,47,51,55
Th 4	5.6	1-17EOO,29-45EOO,
		71,73,75,79,81,
F 5	6.1	1-41EOO, 31,39,51,53,13,17,
M 8	6.2	1-25 EOO, 43,48,
Tu 9	6.3	1-4,5,9,13,31,35
Th 11		Review for chapter test 5 & 6
F 12		Chapter 5 & 6 Test
M15	7.1	7-43EOO,53-65 EOO,25,77
Tu 16		Carreer day >> No schoool
Th 18	7.2	1-61 EOO,2369,72,73,29
F 19	7.3	5-41EOO, 57,61,64,65
M 22	7.4	1-451-45 EOO,42,47,49,
Tu 23	7.6	1-61EOO,35,39,55
Nov 24-26		Thanksgiving Break
M 29	7.7	1-33EOO, 35
Tu 30		Review for chapter test 7
Th Dec 2		Chapter 7 Test
F 3		Final Review
M 6		Final Review
Tu 7		Final Review, Last day of class
M Dec 13		Final Test in Class (9:30 - 11:30)

THIS SCHEDULE IS SUBJECT TOCHANGE. INSTRUCTOR WILL TELL STUDENTS OF ANY CHANGES

Fall 2010 Class Schedule

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