

Bradenton CampusVenice Campus

Instructor: _____

Math Office: 27108

607

Instructor's Office: _____

Math Office phone: 752-5224

408-1476

Instructor's Phone: _____

Math Lab: ARC Building 5

Math Lab: ARC Building 400

Instructor's e-mail: _____

Math Lab Hrs: <http://www.scf.edu/pages/144.asp>

Office hours: _____

*Adjuncts available prior to class or after class or specific times available by appointment.***COURSE**

This course includes basic algebra concepts and skills needed for success in higher level courses.

DESCRIPTION:Topics include real numbers, exponents, polynomials, rational expressions, graphing, radicals, factoring and solving linear and quadratic equations and applications. Course performance standards are available at www.scf.edu/pages/1160.asp and in the Math Labs.**PREREQUISITES:**

A grade of "C" or better in MAT 0012 or equivalent. Student enrollment in any mathematics course is contingent upon approval of the Mathematics Department. This means that students who have been misplaced may have their schedule changed.

LAB**REQUIREMENT:**As part of this course, you are required to register for **MAT 0024L**. In order to successfully complete the lab requirement, you must do the following:

1. You must attend the required meetings with your lab instructor at the time and location designated in your schedule for MAT 0024L.
2. You must spend the appropriate time studying, doing homework, receiving tutoring, etc. in the Academic Resource Center.

Your participation in both components of the lab requirement will be monitored and count towards your final grade.**TEXT:***Introductory Algebra* by Elayn Martin-Gay, 3rd Edition (required).**MATERIALS:**A *scientific* calculator is required. It is allowed during chapter tests and quizzes as directed by your instructor. Calculators with symbolic manipulation capabilities (e.g., TI-89, TI-92) will not be allowed for use during exams.**EXAMINATIONS:**There will be four chapter tests, a department final exam and a required comprehensive Florida College Basic Skills Exit Exam. **NO MAKE-UP TESTS or EXAMS WILL BE GIVEN. CALCULATORS WILL NOT BE ALLOWED ON THE FLORIDA COLLEGE BASIC SKILLS EXIT EXAM.****GRADING:*****In order to pass the course, a grade of 70% or better must be earned on the Florida College Basic Skills Exit Exam and an overall 75% average of the total points.*** Students who earn a grade of "A" or "B" in this course are allowed to take the placement test to attempt to place into MGF 1106 or MGF 1107.

	POINTS	SCALE
4 Chapter Exams	400	94 – 100% = A
Assigned Math Lab	150	85 – 93% = B
Open Math Lab	75	75 – 84% = C
Quizzes/Participation/Projects/Homework*	100 – 200	0 – 74% = No Pass = N
Department Final Exam (cumulative)	100	
Florida College Basic Skills Exit Exam	200	Below 70% on Exit Exam = <u>NO PASS</u>

*Instructor will choose composition of the points.

ATTENDANCE:

All late arrivals, early departures and absences must be discussed and cleared with the instructor. More than 3 hours of unexcused absences or excessive tardiness may result in your withdrawal from the course.

WITHDRAWAL:**October 30, 2009** is the last day to withdraw with a "W". If you remain in the course after that date, you must receive a grade. Withdrawal after the indicated date may be granted only by the Provost and shall be based on major extenuating circumstances. A student is allowed a maximum of three attempts per course. On the third attempt the student cannot be withdrawn and must receive a grade. More information regarding this policy is available in the current State College of Florida Catalog or the class schedule.**ELECTRONICS POLICY:** Cell phone etiquette must be observed: In-class usage is restricted to emergency situations. Cell phones are **not** allowed to be used during tests, not even as a calculator. Inform the instructor before class of any extenuating circumstances. Electronic devices, such as iPods, Blackberries, etc. are **not** permitted to be used or worn in class.**MISCONDUCT:**

Students are required to adhere to statements regarding student misconduct outlined in official State College of Florida publications including the Catalog and the Student Handbook. The minimal consequence of failure to adhere to these statements is withdrawal from the course.

Week	Sections Covered	Topics Covered	Suggested Homework Assignments
1 M 8/24 – F 8/28	<i>Pretest</i> , 1.2 1.3 1.4, 1.5	Symbols and Sets of Numbers Exponents, Order of Operations Add & Subtract Real Numbers	Pg 15 1 – 73 eoo (every other odd) Pg 25 1 – 93 eoo Pg 34 1 – 85 eoo; Pg 42 1 – 77 eoo
2 M 8/31 – F 9/4	1.6, 1.7 1.8 <i>Review</i>	Multiply & Divide Real Numbers, Properties Simplifying Expressions Do the Chapter Review	Pg 55 1 – 113 eoo; Pg 65 1 – 85 eoo Pg 73 1 – 77 eoo Pg 83 1 – 97 eoo
3 *M 9/7 – F 9/11 <i>*Labor Day – College Closed</i>	Test 1 2.1, 2.2	The Addition Property of Equality The Subtraction Property of Equality	Pg 95 1 – 61 eoo Pg 105 1 – 77 eoo
4 M 9/14 – F 9/18	2.3 2.4 2.5	Further Solving Linear Equations Introduction to Problem Solving Formulas and Problem Solving	Pg 113 1 – 57 eoo Pg 124 1 – 45 eoo Pg 136 1 – 61 eoo
5 M 9/21 – F 9/25	2.6 2.7 <i>Review</i>	Percent and Mixture Problems Solving Linear Inequalities Do the Chapter Review	Pg 148 1 – 29 eoo, 39 – 51 eoo Pg 160 1 – 57 eoo Pg 168 1 – 81 eoo
6 M 9/28 – F 10/2	Test 2 3.1 3.2	Exponents Negative Exponents/Scientific Notation	Pg 187 1 – 101 eoo Pg 196 1 – 77 eoo
7 M 10/5 – F 10/9	3.3, 3.4 3.5 3.6, 3.7	Introduction, Add & Subtract Polynomials Multiplying Polynomials Special Products, Divide by a Monomial	Pg 206 1 – 65 eoo; Pg 213 1 – 65 eoo Pg 220 1 – 73 eoo Pg 228 1 – 81 eoo; Pg 237 1 – 12 all
8 M 10/12 – **F 10/16 <i>**Faculty Development Day</i>	<i>Review</i> Test 3	Do the Chapter Review	Pg 244 1 – 109 eoo, 111, 112
9 M 10/19 – F 10/23	4.1 4.2	Factoring: GCF & Grouping Factoring Trinomials $a = 1$	Pg 261 1 – 75 odds Pg 269 1 – 65 odds
10 M 10/26 – F 10/30 <i>*F 10/30 – last day to withdraw (no refund)</i>	4.3 (Do 4.3 <u>or</u> 4.4) 4.4 4.5 4.6	Factoring Trinomials $a \neq 1$ Trial-and-Error Factoring Trinomials $a \neq 1$ AC Method Factoring: Difference of Squares Solving Equations by Factoring	Pg 276 1 – 57 odds Pg 281 1 – 43 odds Pg 287 1 – 63 odds Pg 298 1 – 35 odds, 51
11 *M 11/2 – F 11/6	5.1 5.6 <i>Review</i>	Simplifying Rational Expressions Proportions Do the Chapter Review	Pg 331 23 – 53 odds, 55 Pg 378 1 – 19 odds, 29, 31, 45, 55 Chapter 4 Pg 315 1 – 61 odds Chapter 5 Pg 397 5 – 11 odds
12 M 11/9 – F 11/13 <i>W 11/11 - Veteran's Day Holiday – College Closed</i>	Test 4 6.1 6.2	Plotting Ordered pairs Graphing Linear Equations	Pg 416 19 – 31 odds, 37 – 49 odds Pg 428 1 – 29 odds
13 M 11/16 – F 11/20	6.2 (continued) 6.3 8.1	Intercepts Introduction to Radicals	Pg 438 9 – 19 odds Pg 572 1 – 18 all, 43, 45, 51 – 62 all
14 M 11/23 – F 11/27 <i>*W, R, F 11/25 - 11/27 Thanksgiving Holidays- College Closed</i>	8.2 8.3 8.4	Simplifying Radicals Adding & Subtracting Radicals Multiplying Radicals	Pg 579 1 – 57 odds Pg 585 1 – 51 odds Pg 593 1 – 21 odds
15 M 11/30 – F 12/4	<i>Review for Final</i>	Reminder: A calculator is allowed on the department final but NOT on the Exit Exam.	A department final review & a practice Department Final is on the SCF website.
16 M 12/7 – *F 12/11 <i>*F 12/11 – Classes End.</i>	MW Final 12/7 TTh Final 12/8 MWF Final 12/10 <i>Review Exit Exam</i>	Mon/Wed classes dept final is on Monday Tue/Thurs classes dept final is on Tuesday Mon/Wed/Fri classes dept final is on Wednesday	A practice Exit Exam is on the SCF website.
M 12/14 – R 12/17	Exit Exam is this week.		
F 12/18	*Note: The Exam schedule can be viewed at www.scf.edu/pages/153.asp		
	Final Grades Due 5:00 p.m.		

****Friday, 10/16, Faculty/Staff Development Day – no day classes or academic support labs. Classes scheduled 4 pm and later meet.**

*** Friday, 10/30, last day to withdraw without academic penalty (no refund).**