

Instructor: _____

Bradenton Campus
Math Office: 27-108Venice Campus
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/StudentServices/AcademicResourceCenter/default.asp>

Office hours: _____ Adjuncts available prior to class or after class or specific times available by appointment.

COURSE DESCRIPTION:

This course includes basic algebra concepts and skills needed for success in higher level courses. 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 to work on the MML lab assignments.
2. You must spend the appropriate time working on your fifth hour assignment as directed by your instructor. (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. Students must be enrolled in the Instructional Software (MyMathLab) by the end of the first week.

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.

	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	65 - 74% = D
Department Final Exam (cumulative)	100	0 - 64% = F
Florida College Basic Skills Exit Exam	200	

*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:

In accordance with the State College of Florida policy, as stated in the college catalog, students may withdraw from any course, or all courses, without academic penalty, by the withdrawal deadline listed in the State College of Florida academic calendar. This semester, the withdrawal date is **March 24, 2011**. Students should take responsibility to initiate the withdrawal procedure but are strongly encouraged to talk with their instructors before taking any withdrawal action. In addition, students should note that faculty may also withdraw students for violating policies, procedures or conditions of the class, as outlined in individual class syllabi, and such action could affect financial aid eligibility.

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.

MAT0024

Spring 2011

Week	Sections Covered	Topics Covered	Suggested Homework Assignments
1 M 1/10 – F 1/14	<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 1/17 – F 1/21 *M 1/17-MLK Holiday	1.6, 1.7 1.8 <i>Review</i>	Mult. /Div Real Numbers & Properties Simplifying Expressions Chapter Review	Pg 55 1 – 113 eoo; Pg 65 1 – 85 eoo Pg 73 1 – 77 eoo Pg 83 1 – 97 eoo
3 M 1/24 – F 1/28	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 1/31 – F 2/4	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 2/7 – F 2/11 *F 2/11 –Faculty Development Day	2.6 2.7 <i>Review</i>	Percent and Mixture Problems Solving Linear Inequalities Chapter Review	Pg 148 1 – 29 eoo, 39 – 51 eoo Pg 160 1 – 57 eoo Pg 168 1 – 81 eoo
6 M 2/14 – F 2/18	Test 2 3.1 3.2	Exponents Negative Exponents/Scientific Notation	Pg 187 1 – 101 eoo Pg 196 1 – 77 eoo
7 M 2/21 – F 2/25	3.3, 3.4 3.5 3.6	Introduction, Add & Subtract Polynomials Multiplying Polynomials Special Products	Pg 206 1 – 65 eoo; Pg 213 1 – 65 eoo Pg 220 1 – 73 eoo Pg 228 1 – 81 eoo
8 M 2/28 – F 3/4	3.7 <i>Review</i> Test 3	Divide by a Monomial Chapter Review	Pg 237 1 – 12 all Pg 244 1 – 109 eoo, 111, 112
9 M 3/7 – F 3/11	Spring Break College Closed		
10 M 3/14 – F 3/18	4.1 4.2 4.3	Factoring: GCF & Grouping Factoring Trinomials $a = 1$ Factoring Trinomials $a \neq 1$ Trial-and-Error	Pg 261 1 – 75 odds Pg 269 1 – 65 odds Pg 276 1 – 57 odds
11 M 3/21 – F 3/25 **3/24 – Last Day to Withdraw	4.4 4.5 4.6	Factoring Trinomials $a \neq 1$ AC Method Factoring: Difference of Squares Solving Equations by Factoring	Pg 281 1 – 43 odds Pg 287 1 – 63 odds Pg 298 1 – 35 odds, 51
12 M 3/28 – F 4/1	5.1 5.6 <i>Review</i>	Simplifying Rational Expressions Proportions Chapter Reviews	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
13 M 4/4 – F 4/8	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
14 M 4/11 – F 4/15	6.3 8.1	Intercepts Introduction to Radicals	Pg 438 9 – 19 odds Pg 572 1 – 18 all, 43, 45, 51 – 62 all
15 M 4/18 – F 4/22	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
16 M 4/25 – F 4/29 4/29 – Classes End	<i>Review for Final</i>	Mon/Wed classes dept final is on Monday Tue/Thurs classes dept final is on Tuesday M/W/F classes dept final is on Wednesday	A department final review & a practice Department Final is on the SCF website. A calculator is allowed on the dept final but NOT on the Exit Exam.
17 M 5/2 – R 5/5 F 5/6		Exit Exam is this week. Schedule viewed @ http://www.scf.edu/Academics/FinalExamSchedule.asp	A practice Exit Exam is on the SCF website.
Final Grades Due at 2:00 p.m. For All Spring 2011 Classes			

***Friday, 2/11, Faculty/Staff Development Day – no day classes or academic support labs.**

****Thurs., 3/24 – Last Day to Withdraw without Academic Penalty (no refund) for spring classes that started the first week of the term (January 10-14).**