

Lake Tahoe Community College
Math 152B – Basic Algebra (Part II)
Fall 2010 – Section 5

Instructor: Katie Larkin
Email: larkin@ltcc.edu
Phone: 541-4660 x508
Time: T/Th 1:00 – 2:50pm
Room: A211

COURSE CONTENT

This course is a continuation of MAT 152A or MAT 152AA. The material covered includes factoring, operations, and equations with rational expressions, linear equations and inequalities with absolute values, solving systems of linear equations and inequalities, operations with exponents and radicals, solving radical equations, and solving quadratic equations.

MATERIALS

Required: MyMathLab Access Code. This code can either be purchased online or in the bookstore. The access code comes with complete online access to the textbook as well as other study guides.

Optional: Textbook – Beginning and Intermediate Algebra, 4th ed., by Martin-Gay.

STUDENT LEARNING OUTCOMES (SLOs)

1. Factor a polynomial.
2. Apply the four basic operations to rational and radical expressions.
3. Solve equations with rational and radical expressions.
4. Solve a 2 x 2 system of linear equations.
5. Solve quadratic equations.
6. Apply course topics to real world situations.

COURSE WORK

- **Attendance (5%):** Attendance will be taken at the start of class. Arriving late and leaving early will result in points deducted. If you feel you have a valid reason for missing or being late to class, please see me before or after class. Please do not disrupt the lecture once class has begun.
- **Homework (15%):** All homework will be assigned and completed in MyMathLab. You may attempt each question up to 3 times. No late assignments will be accepted for course credit.
- **Quizzes (10%):** Quizzes will be completed in class. Quizzes will not always be announced and no make-ups will be given unless arrangements have been made with me PRIOR to the day the quiz is given. No late assignments will be accepted for course credit. NO CALCULATORS MAY BE USED.
- **Exams (45%):** Three exams, each worth about 15% of your final grade, will be given. If a student has a conflict, they must notify me BEFORE the day of the exam so that an alternative date can be made. ABSOLUTELY NO MAKE-UPS WILL BE GIVEN without a valid excuse submitted to me PRIOR to exam day. NO CALCULATORS MAY BE USED.
- **Final Exam (25%):** The MANDATORY final exam will be given during our last class meeting on Thursday, Dec. 9th. No make-ups will be given. NO CALCULATORS MAY BE USED.

All exams and assignments will be graded on the following straight scale:

A: 90 - 100%, B: 80 – 89%, C: 70 - 79%, D: 60 - 69%, F: Below 60%

Note: If you take the course P/NP, keep in mind that a C or above is passing (P).

MyMathLab

Access online homework and quizzes via MyMathLab (www.coursecompass.com). The Course ID is **larkin67161**. You can also access your running grade on this site. More detailed description of this site to be given in class.

COMPUTERS

Computers are available for your use in the following locations on campus:

- Learning Assistance Center (LAC) (Rm. 201): Mon – Th 10 – 6, Fri 10 – 2, Sat 11 – 3.
- Math Success Center (MSC) (Rm. 201): Mon – Th 9 – 6, Fri 10 – 2, Sat 11 – 1.
- Open Labs in the D-wing which have available times posted by the door of each lab.

CLASSROOM RULES

Cell phones and any other “noise-makers” (ipods, mp3 players, etc.) must be turned OFF (not on vibrate, OFF) before entering the classroom and must remain stowed for the entire lecture. Disruptive activity during class will not be tolerated. While I am lecturing or other classmates are asking questions, you should not be talking. If you are consistently disruptive during class, you will be suspended from the class for up to 2 days.

HOW TO SUCCEED IN THIS COURSE

- **Keep up with the work!** Math is a difficult subject; it is **imperative** that you keep up with the work in this class! Pay attention to the schedule and don't miss assignments.
- **Come to class prepared!** Before each class you should read the appropriate material (see schedule). You should also be sure to review previous lectures and bring any homework questions to class.
- **Make use of the Math Success Center!** I do not have office hours, therefore it is imperative that you get the most out of my lectures and go to the Math Success Center if you're having any trouble at all and need some assistance. The Math Success Center, staffed with knowledgeable tutors, is located in room 201 and is open from M-TH from 9-6, FRI 10-2, and SAT 11-3. There are also computers available for use there.
- **Form study groups!** They can be a great source of help! You can work together on homework assignments, but you need to submit the answer you believe is correct.

IMPORTANT DATES

- **Oct 1:** Last day to drop with a full refund
- **Oct. 15:** Last day to drop with no record or declare P/NP
- **Nov. 5:** Last day to drop with a 'W'

STUDENTS WITH DISABILITIES

If you have a certified learning disability that may affect your performance in this class, be sure to discuss your special needs with me during the first week of class. Learning disabilities will be accommodated.

ACADEMIC INTEGRITY

Cheating will be defined as but not limited to: (1) using any method to copy another's work on an exam or final (2) directly copying another student's homework assignment (3) using any method other than your own honest efforts to complete exams or the final.

The following activities are NOT cheating: (1) collaborating with other students to complete homework assignments (2) working with math tutors or academic coaches to complete homework assignments (3) working with other students to study for exams or the final.

Disciplinary actions for cheating in this class: Cheating will result in a grade of zero on the item on which the cheating occurred. The worst thing about cheating, however, is compromising your character for such a small reward.

TENTATIVE SCHEDULE

Math 152B – Fall 2010 – Larkin		
Day	Topics Covered	Section in Text
09/21/10	Formulas, Absolute Value Inequalities	2.5, 9.3
09/23/10	Factoring	6.1 - 6.2
09/28/10	Factoring	6.3 - 6.4
09/30/10	Factoring	6.5 - 6.6
10/05/10	Review for Exam 1	
10/07/10	Exam 1 (2.5, 9.3, 6.1 - 6.6)	
10/12/10	Rational Expressions	7.1 - 7.2
10/14/10	Rational Expressions	7.3 - 7.4
10/19/10	Rational Expressions	7.5 - 7.6
10/21/10	Rational Expressions	7.6 - 7.7
10/26/10	Systems of Linear Equations	4.1 - 4.2
10/28/10	Systems of Linear Equations	4.3, 4.5
11/02/10	Review for Exam 2	
11/04/10	Exam 2 (Ch 4 & 7)	
11/09/10	Rational Exponents, and Radicals	10.1 - 10.2
11/11/10	Rational Exponents, and Radicals	10.3 - 10.4
11/16/10	Rational Exponents, and Radicals	10.5 - 10.6
11/18/10	Complex Numbers, Quadratic Equations	10.7, 11.1
11/23/10	Quadratic Equations, Variation	11.2, 8.4

11/25/10	Happy Thanksgiving	
11/30/10	Review for Exam 3	
12/02/10	Exam 3 (Ch 10, 11.1 - 11.2, 8.4)	
12/07/10	Review for Final Exam	
12/9/2010	Cumulative Final Exam	

Note: Schedule may change slightly over the course of the semester.