

**MATH 152B SCHEDULE OF TOPICS, HOMEWORK DUE-DATES, AND EXAM DATES. WINTER QUARTER, 2013.**

**Instructor Audrey Morrow**

**Course code for Homework: morrow17168**

**January 7<sup>th</sup>** : Welcome to Beginning Algebra, Part 2. Discuss syllabus. Cover Sections 4.1 and 4.2, Solving systems of linear equations using graphing or substitution. Make sure that you enroll in MML (MyMathLab) so that you can turn in your homework. Homework in these sections is due on 1/13. Read 4.1-4.3 and 6.1 for Wednesday.

**January 9<sup>th</sup>** . Questions on last Monday's material. Cover 4.3 and 6.1, Solving linear equations using addition; and factoring with grouping. (Also called the AC test.) Homework in 4.3 is due on 1/13. Your 6.1 homework is due on 1/15. Read 6.2 & 6.3 for Monday.

**January 14<sup>th</sup>** : Cover 6.2; begin 6.3. Factoring trinomials, (reverse multiplication) using grouping, and other methods making use of patterns. 6.2 is due on 1/20. Read 6.4 & 6.5 for Wednesday.

**January 16<sup>th</sup>**: Finish 6.3, cover 6.4 & 6.5. 6.3 & 6.4 homework is due on 1/20. 6.5 is due on 1/27. Be sure to read 6.6 & 6.7 for Wednesday.

**January 21<sup>st</sup>** : School holiday, college is closed.

**January 23<sup>rd</sup>** : Short test on Chapter 4 topics, 45 minutes, after the break. Cover 6.6 & 6.7, Solving quadratic equations, problem-solving with quadratics. Homework for these two sections is due on 1/27. Read 7.1 and 7.2 for Monday

**January 28:** Cover 7.1 and 7.2, Rational expressions or fractions. Homework is due on 2/3.

**January 30<sup>th</sup>** : Review for an exam on Chapter 6, covering all seven sections. Bring your questions to class!

**February 4<sup>th</sup>** : Test on Chapter 6. You'll be given the entire period for the test, and you may leave when you are finished. Read 7.3 and 7.4 for Wednesday.

**February 6<sup>th</sup>**: Cover 7.3 and 7.4, addition and subtraction with fractions using both like and unlike denominators. Homework due on 2/10. Read 7.5 & 7.6 for class next time.

**February 11<sup>th</sup>**: Cover 7.5 and 7.6, Rational equations, and proportions. Read 7.7 & 10.1 for Monday. Homework in 7.5 and 7.6 are due on 2/15.

**February 13<sup>th</sup>**: Cover 7.7, complex fractions, and 10.1 Radicals (square roots, cube roots). Your 7.7 homework is due on 2/22. 10.1 is due on 2/28

**February 18<sup>th</sup>**: Holiday, college is closed.

**February 20<sup>th</sup>**: Review for test on Chapter 7. Review assignment will be given in class.

**February 25<sup>th</sup>**: Test on Chapter 7, you'll have the whole period. Read 10.2 and 10.3 for Wednesday.

**February 27<sup>th</sup>**: Cover 10.2 and 10.3, Simplifying radicals; Rational (or fractional) exponents. Read 10.4 & 10.5 for Monday. Homework due on 3/3.

**March 4<sup>th</sup>**: Cover 10.4 & 10.5, Using the operations with radicals; Rationalizing the denominator. 10.4 homework is due on 3/7. 10.5 is due on 3/10. Read 10.6 & 10.7 for Wednesday.

**March 6<sup>th</sup>**: Cover 10.6 & 10.7, Radical equations, Complex numbers (i). 10.6 homework is due on 3/10; 10.7 is due on 3/13. Practice problems in all of Chapter 10 to prepare for the review next time.

**March 11<sup>th</sup>**: Review for Chapter 10 test on 10.1 – 10.7 next time. You'll have the whole period.

**March 13<sup>th</sup>**: Chapter 10 exam. Read 11.1 and 11.2 for Monday.

**March 18<sup>th</sup>**: Cover 11.1 and 11.2, Completing the square and the quadratic formula. Your homework in these sections is due on 3/24. Read 9.3 & 9.4 for Wednesday.

**March 20<sup>th</sup>**: Cover 9.3 & 9.4, Absolute value inequalities, Linear inequalities. Homework is due on 3/26. This concludes the material we cover in Math 152B.

**November 28<sup>th</sup>**: Review for final exam on Monday, 12/3. Topics are cumulative. Bring your questions to class, along with your graded exams and quizzes.

**December 3<sup>rd</sup>**: Cumulative final exam, Room E106 2:00 – 3:50 PM

