

Math 200
Time: MWF 10 – 11:50 am
Room: H124
Office Hours: M 12 – 2 pm, TR 10 - 11 am, W 11–Noon; or by appt.

Instructor: Candace Blazek
Office: H112
Candace.Blazek@anokaramsey.edu
763.433.1133
Website <http://webs.anokaramsey.edu/blazek/>

Anoka-Ramsey Community College
Course Syllabus
MATH 0200 – Mathematics I
Spring 2010

Required Texts: Elementary and Intermediate Algebra w/Workbook and MyMathLab, 2nd Edition, Author Sullivan.

Supplies: The following items are **required:**

- Two Notebooks, one for homework and one for notes
- Scientific calculator or graphing calculator (See note about calculators later in this document)
- Graph paper (optional)

Attendance: Regular class attendance is expected and necessary in order to succeed in this class.

Homework: Homework is always important, since this is an accelerated class, homework is extremely important for success. There will be four types of homework that will be given for this class.

- **Guided Practice** Prior to class, you will be asked to complete the specified “**Guided Practice**” sections from the workbook with the aid of short “videos.” **Guided Practice** will be collected prior to the scheduled lecture. This is to get you into the material before class begins. Each Guided Practice is worth 1 point towards your final grade.
- **Do the Math** You will be responsible to hand in the **Do the Math** sections from the workbook as indicated by the schedule. These will be collected on class periods after the corresponding lecture and will be corrected and graded.
- **MyMathLab** There is an online homework portion as well. Each Monday a MyMathLab assignment is due.
- **Bookwork** Every other odd-numbered exercise plus any others that may be may be required to achieve mastery should be completed as homework. The answers to the odd-numbered exercises are in the back of the book.

LATE GUIDED NOTES, DO THE MATH, OR MYMATHLAB ASSIGNMENTS WILL NOT BE GIVEN EXTENSIONS NOR WILL THEY BE COLLECTED FOR CREDIT. Be sure to pay attention to deadlines and get your work done early.

Tests: Test dates are scheduled for 50 minutes. If you cannot take a test on the scheduled day, see me and arrange to take the test **before** the scheduled day. If you cannot take the test in advance, all is not lost! **You cannot make it up**, but the final exam grade will count as the missing test grade. This means if you are sick or have a sick child, don't worry. Attend to your needs that day and show me you know the material on the final exam. However, don't miss two tests. I'll only count the final as one missing test grade.

I want you to take all the tests rather than deliberately missing a test and gambling that you'll do better on the final exam. To encourage this, I'll replace your lowest test grade with your final exam grade. This assumes your final exam grade is not your lowest test grade. If a student takes all exams at the scheduled time, I will add three points to each exam score at the end of the semester.

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Website <http://webs.anokaramsey.edu/blazek/>**Final Exam:** There will be a comprehensive final exam worth 200 points. Final Exam is March 5th, 2010, during scheduled class time.**Grading Policy:**

90 – 100% → A

80 – 89% → B

70 – 79% → C

60 – 69% → D

0 – 59% → F

Grades are based on:

Chapter Tests (approx 5): 100 points each

Do The Math (approx 35): 10 points each

Guided Notes (approx 35): 1 points each

MyMathLab (approx 6): ? points each

Final: 200 points

Grades will be recorded in your MyMathLab account. Grades will be based on Chapter Test 50%, Homework 20%, Final Exam 30%.

Help: I encourage you to work with other students on homework and in studying for the tests. I will be happy to help you during office hours or by appointment. **Free** tutoring is available for all students in the Math Skills and Advising Center.**Pass/No Credit:** If you wish to take this course on a pass/no credit basis, you must inform me in writing by the third week of the semester. P is 70% or better.**Incomplete:** An incomplete will be considered only if at least 75% of the semester's work has been completed with an average of C or better. An incomplete is decided on an individual basis.**Integrity and Honesty:** Cheating of any kind will not be tolerated. When taking tests all cell phones must be kept in your backpack or purse. When taking tests, all calculators must be removed from any covers or sheaths. If you are using a graphing or programmable calculator, I may clear the memory before each test. If you do not wish to have the memory reset, you should bring a different calculator for the test. If you are dishonest, the consequences are minimally a grade of "0" on that paper. We may also meet with the dean to decide on an appropriate course of action.**Calculators:** A scientific calculator is required in this course. You will learn how to use some of the functions on a scientific calculator. Since different brands of calculators perform differently, it is very important that you have the instruction book that comes with the calculator. If you decide to purchase a scientific calculator, good ones are available for \$10 - \$20. A graphing calculator is not necessary for this course. If you decide to purchase a graphing calculator, either a TI-83 or TI-83 Plus is a good choice.**Learner Outcomes:** Upon successful completion of this course, the student should be able to:

- A. simplify numerical and algebraic expressions involving the operations of addition, subtraction, multiplication, and division of real numbers and the order of operations.
- B. simplify and/or evaluate an algebraic expression utilizing order of operations, exponentiation along with the commutative, Associative, and Distributive Properties.
- C. solve first-degree equations (rational or non-rational).
- D. utilize first-degree equations to solve verbal problems.
- E. express numbers using scientific or standard notation.
- F. perform the operations of addition, subtraction, and multiplication with polynomials.
- G. completely factor polynomial expressions.
- H. perform the operations of addition, subtraction, multiplication, and division with rational expressions.
- I. solve simple rational equations.
- J. solve literal equations.
- K. sketch the graph of a linear equation in two variables on a rectangular coordinate plane using the x- and y-intercepts and/or other ordered pairs.

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- L. sketch the graph of a line satisfying given conditions involving ordered pairs and/or slope.
- M. write the equation of a line satisfying given conditions involving ordered pairs and/or slope.
- N. simplify radical expressions and use simplest radical form or decimal form to express answers.
- O. solve quadratic equations by using the factoring method, the square root method, or the quadratic formula.
- P. identify types of angles (acute, obtuse, right, supplementary, complementary) and be able to use relationships involving the angles in problem solving.
- Q. classify triangles (using lengths of sides or types or measures of angles) and use related properties in problem solving.
- R. find the area and perimeter of triangles and quadrilaterals.
- S. identify similar triangles and use related properties in problem solving.
- T. identify simple polygons.
- U. utilize the Pythagorean Theorem in problem solving.
- V. solve a first-degree inequality in one variable (non-fractional or fractional) and graph the solution on a number line graph.
- W. utilize the relationship of angles created by parallel lines cut by a transversal in problem solving.
- X. classify quadrilaterals and use related properties in problem-solving.

Students with Disabilities or seeking special accommodations: Students wishing to receive an accommodation for a disability, or other circumstance, are encouraged to speak with me at the beginning of the semester.

Class Rules:

- **No personal conversations during class.**
- **Respect others when they are speaking. Do not speak over them.**
- **Put cell phones in silent mode or turn them off.**
- **Come to class on time.**
- **No rude comments.**
- **No texting during class. If you are caught texting during class, your instructor will confiscate your cell phone.**

Important Dates

- Final Exam is scheduled for March 5th, 2010, during normal class hours.
- Refunds are not available if this course is dropped after January 15th, 2010.
- The last day to drop this course is February 24th, 2010.

5-part Recipe for Success (compliments of Roger Larson)

- **Attend All Classes (be prepared with calculator, paper, pencil)**
- **Take Notes**
- **Complete the Homework**
- **Study for Tests and Quizzes**
- **Ask Questions Early**

Believe & Succeed

Courage does not always roar. Sometimes, it is the quiet voice at the end of the day saying, "I will try again tomorrow."

Author Unknown

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Math 0200: Beginning Algebra Spring 2010 Tentative Schedule				
Jan	What's Going On in Class?	Homework		
		Lecture/ GP Due	DTM Due	MML Due
11	Syllabus, MyMathLab	1.1, 1.2		*
13	Lecture	1.1 thru 5	1.1 and 1.2	
15	Lecture	1.6, 1.7, 1.8	1.3, 1.4, 1.5	
18	Martin Luther King Day - No School			
20	Lecture	2.1, 2.2, 2.3	1.6, 1.7, 1.8	
22	Lecture	2.4, 2.5	2.1, 2.2, 2.3	
25	Lecture	2.6, 2.7	2.4, 2.5	
27	Lecture & Review 1&2	3.1, 3.2	2.6, 2.7	
29	Chpt 1&2 Test, Lecture	3.3, 3.4	3.1, 3.2	*
Feb				
1	Lecture	5.1, 5.2	3.3, 3.4	
3	Lecture	5.3, 5.6	5.1, 5.2	
5	Lecture	6.1, 6.2	5.3, 5.6	
8	Lecture & Review 3&5	6.3	6.1, 6.2	
10	Chpt 3&5 Test, Lecture	6.4	6.3	*
12	Lecture	6.5, 6.6, 6.7	6.4	
15	Presidents' Day -- No School			
17	Lecture & Review 6	TBD	6.5, 6.6, 6.7	
19	Chpt 6 Test, Lecture	7.1, 7.2	TBD	*
22	Lecture	7.3, 9.1	7.1, 7.2	
24	Lecture & Review 7&9	9.2, Geometry	7.3, 9.1	
26	No School -- Faculty Development			
Mar				
1	Chpt Test 7&9, Lecture	Geometry	Geometry wksht	
9	Lecture	Geometry	9.2	*
12	Final Exam Review			
14	Final Exam			