

Math 0099 - Intermediate Algebra Section 01

Fall Semester 2010

Instructor: Bill Kamp **Office:** Math Learning Center - L238

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Room: FA 194 MWF 8-9:25

Office Hours: MWF 9:25-10:25

Prerequisites: Successful completion of Math 94 with a grade of C or better OR recommendation from IHCC assessment exam. *If you believe that you may have been placed into this course incorrectly and may belong in a higher or lower course see me the first day of class.*

Materials: Beginning and Intermediate Algebra, 4th edition by Martin-Gay with MyMathLab software Scientific Calculator (TI 83 or 84 or equivalent. Graphing calculator use will be prohibited on portions of some exams.)
Headphones for listening to on-line lectures.

For whom intended: This course is designed for college students who need to learn or review intermediate algebra topics in preparation for college algebra or pre-calculus. Students planning to take Math for Liberal Arts, Statistics or Math for Decision Making as their last math course would be better served by taking Math 96. This course does not satisfy any graduation distribution requirements.

Course Topics: Course topics include absolute value equations and inequalities; piecewise-defined functions; linear and non-linear inequalities; factoring polynomials; rational expressions and equations; complex fractions; difference quotients; quadratic equations; rational exponents and radicals; linear systems of equations; matrices; quadratic functions and parabolas; inverse functions; exponential and logarithmic functions, equations and applications. If time permits, we will also cover circles and general parabolas.

Instruction: Combination of lecture, discussion, and MyMathLab software.
All electronic devices including cell phones and laptops must be turned off and stored away during class.

Time Commitment: You should plan to spend at least 2-3 hours outside of class for each class hour for the purpose of reading, completing homework, doing quizzes, and learning the required material.
(at least 8-12 hours per week)

Attendance: You are expected to attend **ALL** classes. Lectures will be given only once. If you miss class, it is your responsibility to get the notes from the web site, do the necessary reading, homework, and quiz, and arrange to pick up any handouts. **You will still be expected to take an exam on the scheduled day even if you were absent the day before.**
*There will be a penalty for any late tests except in very special circumstances arbitrarily judged so by the instructor. *Call, e-mail, or speak to me as soon as possible if you must miss a test. If you haven't made arrangements for taking the test before the 2nd class after the test, the recorded grade for that test will be 0%.*
** Late tests without an acceptable or documented excuse may be graded on a 70% max basis, subject to the mood of the instructor.*

Homework: There are homework assignments for each section covered. These must be done on-line. See the HW guidelines below.
Late homework will be graded for half credit. The average of all HW grades will count 100 points.

Quizzes: There will be 11 required online computer quizzes. You will get only two attempts to pass each quiz before the specified deadline. (There will also be practice quizzes that you can take as many times as you wish.) If you do not attempt a required quiz before the deadline, your score will be 0%. Your highest score on each quiz will be your grade for that quiz. The average of the best 8 quizzes will count 100 points. This is the same as one test grade. *For practice on how to input the answers, try some of the problems from the online homework first.*

Math Help:

- The **Math Learning Center** will be open from 9AM-6PM M-Th & 9AM-1PM F to assist you with your math on a drop-in basis. The Math Center is a good place to sit and work on your math assignment, whether you have a question or not. Computers are available in the Math Center for online learning.
- **Peer tutors** are also available in peer tutoring for scheduled one-on-one help every week. You will need to fill out a form in peer tutoring to arrange for a peer tutor.
The Math Center and Peer Tutoring are located on the 2nd floor of the Library building.
- Use your **MyMathLab free tutor center** code for toll-free telephone assistance.
- Make use of **my OFFICE HOURS!**

Also: 1. Stay current on all material; 2. Form a study group; 3. Keep careful notes and complete all assignments; 4. Ask questions; 5. Have fun with math!

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**Remember:**      *Inch by inch, math's a cinch; Yard by yard, it's very hard!*

*"If you continue to do what you have always done, you will continue to get what you have always gotten."*

*"If you think you can, you will. If you think you can't you won't."*

*"You give power to what you give attention to."*

*"A stitch in time saves nine."*

*"We are the Knights who say... NI."*

*"Illegitimi non carborundum"*

### Grading policies:

1. **In-class Tests.** There are four mid-term exams each worth 100 points. These are all paper-pencil closed book tests.
2. A **comprehensive final** exam will be given on Thursday, December 17<sup>th</sup>, from 7:00 to 10 AM and will count for 200 points. This is a paper-pencil closed book test.
3. **On-line Computer Quizzes.** The average of these will count 100 points
4. **In-class work.** The total points for in-class work will be 50 points.
5. **Homework assignments.** The average of these will count 100 points.

#### Point Totals:

|                          |                   |             |
|--------------------------|-------------------|-------------|
| Three Mid-Term Exams     | 300 points        | 43%         |
| Comprehensive Final Exam | 200 points        | 29%         |
| Online Quizzes           | 100 points        | 14%         |
| Homework Assignments     | 100 points        | 14%         |
| <b>TOTAL</b>             | <b>700 points</b> | <b>100%</b> |

#### Your grade is based on a percentage as follows:

- A 90% to 100%
- B 80% to 89%
- C 70% to 79%
- D 60% to 69%
- NC Below 60%

*Please note that you must earn a minimum grade of "C"(70%) in order to qualify for the next math course.*

**Pass/No Credit:** Students may sign up to take this class using a *Pass or No Credit* option. The minimum passing grade for the P/NC option is 70%. Forms, available at the registration desk, must be signed by me and turned in within 10 business days in fall or spring from the initial start of the course.

**Cheating:** Any student caught cheating will receive a score of zero for the assignment, quiz, or test on which the cheating occurs. A second violation will result in a failing grade for the class. Please take time to read IHCC's Academic Integrity Policy.

**Special Needs Accommodations:** I would like to make sure that all the materials, discussions and activities that are a part of this course are accessible to you. If you would like to request accommodations or other services, please contact me as soon as possible. It is also possible to contact Tim Boyer in the Disability Services Office, L-224; phone, 651-450-8628; TTY, 651-450-8369.

**Religious Accommodation Statement:** Inver Hills strongly supports the principles of free expression and respect for the diversity of beliefs, including religious observances, among our academic community. It is the policy of the college to provide reasonable accommodations for students when religious observances conflict with classroom activities or course requirements. It is the responsibility of students to inform instructors in a timely fashion of such conflicts. If a mutually agreed accommodation is not possible, students may initiate an appeal. The procedure for this appeal is the same as the Grade Appeal Policy described in the Catalog and on the IHCC website.

**Student's Right to Know:** Policies on Harassment and Discrimination, Crime Awareness and Campus Security Report, Drug- and Alcohol-Free Campus, Student Conduct, and Academic Honesty are available on the IHCC website. Inver Hills has established policies and procedures to handle violations in a timely manner.

**Incomplete Grade and Withdrawal Information:** Students must initiate requests for either an incomplete grade or withdrawal from a course by filing the appropriate form with Enrollment Services. Students who stop attending classes without completing the withdrawal process may receive a grade of "F," and are responsible for all tuition/fees associated with the course registration. Please go online to the Inver Hills web site for details.