

Intermediate Algebra
Math 099 sec F
Spring 2008

Bellevue Community College

Instructor:	Edgar Jasso
Office:	L217
email	ejasso@bcc.ctc.edu
Office hrs:	Daily 12:30-1:20 pm

Class time:	Daily 11:30-12:20 am.
Class room:	L 211.
Prerequisites:	Placement by assessment, or MATH 098 with a C- or better.
Textbook:	<i>Intermediate Algebra, Functions and Graphs.</i> <i>K. Yoshiwara & B. Yoshiwara (Required)</i>
Calculator:	A Graphing Calculator (Texas TI-83).
Note:	Models TI-89 and TI-92 will not be allowed in exams

class website:	http://scidiv.bcc.ctc.edu/EJ/m099.html
support website:	www.wamap.org
course id:	720
course name:	math099
enrollment key:	math099atbcc

Course description:

This course expands algebra skills through an axiomatic approach. We will work with mathematical systems, solution of equations, inequalities, functions, exponents and logarithms, and coordinate systems. This course is similar to second-year high-school algebra.

Expectations:

- I expect you to be on time every class period. Showing up is important, but your total attention during class is even more important. It is your responsibility to catch up with the material if you miss a class.
- I expect you to have your Cell phones **on silent mode**. If there is an important or urgent matter that you must attend during a class, you should **leave the classroom** to attend your call or text-message. No tolerance will be given on this matter.
- Math, like many things, is something you learn by practice, so practice a lot! Complete and turn in your homework on time.
- I expect you to be ready to participate in class, to take notes, and **to ask questions**. Ask a question as soon as you feel you are not understanding something presented in class. I encourage you to use the office hours for any question that arises or for help on anything you feel was not clear in class.
- If when solving your homework you have questions, use the office hours to ask me. If the posted office hours conflict with your schedule, make an appointment so we can meet at some other time.
- I expect you to act as a College Student, that you come to class because **you** want to learn the subject and you respect the work of others during class meetings. Any student who significantly disrupts the class and makes it unreasonably difficult for the others to follow will be first warned orally about his actions. If this conduct persists he will be asked to leave the classroom for the remaining of the class period. If this conduct persists in the following classes, a written notice will be forwarded to the Assistant Dean for Student Services for further actions, which may include suspension from the class for a defined period of time, removal from the class for the remainder of the quarter or dismissal from the College.
- I expect you to be honest with your work. No cheating or plagiarism will be tolerated. While there will be group projects/assignments, and I encourage to form study groups for working on the material out of the classroom, **all the exams are for individual work**. Consequences will range from receiving 0.0 on the assignment to receiving 0.0 for the class.

Evaluation:

Your final grade will be determined as follows:

Homework:	15%
In-class activities:	10%
Quizzes:	20%
Exams:	40%
Final:	20%
Total	105%

- Homework: I will assign homework problems every class. These problems are for you to practice **daily** and ask the next day any questions you might have. If there are no questions on the homework, I will assume you know how to solve each of the problems on the list. I will collect **only a subset** of these problems on Fridays, usually one problem from each daily list and grade them carefully, with the same rigor as the quizzes and exams. Each homework assignment will count 10 pts. There will be a 1 pt **penalty per day** for late homework.
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- *In-class activities:* There will be two parts on this: on some class periods I will ask for questions from the homework and will ask you to come up to the board to work on a problem. If you work a problem on the board, please remember me to write down a participation note on my records. Every student must pass at least twice during the quarter. This part will count 50% of your *in-class* grade. The other 50% will come from worksheets or other in-class activities you will work on and turn in the same day.
- *Quizzes:* There will be a short quiz (20 minutes) every Friday there is not an exam with the exception of Friday May 2 (take-home quiz this weekend). The quizzes will be on the material covered the week immediately before and will be answered with *open notes* but *closed books*. There will be absolutely no make-up quizzes; however, your lower score will be dropped at the end of the quarter.
- *Exams:* There will be 4 exams during the quarter. Each exam will last one class period and could include any of the material covered in class up to that date. Again, **absolutely no make-up exams** will be given, but your lowest score will be dropped at the end of the quarter. The exams will be on the following dates (I will keep you posted with any changes):

Exam 1	Friday April 11
Exam 2	Friday April 25
Exam 3	Friday May 16
Exam 4	Friday May 30

- *Final:* A comprehensive final exam will be given on **Wednesday June 11, 11:30-1:20**. You must take the final to receive a passing grade on this class.

Your final grade will be based on the following percentage scale:

Percent	94	90	87	83	80	77	73	70	67	63	60
Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F

Students with Special needs:

If you have medical information to share with me in the event of an emergency, please contact me via email or come to see me during office hours. If you need course modifications, adaptations or accommodations because of a disability, I can refer you to our Disability Resource Center (DRC). If you prefer, you may contact them directly by going to B132 or by calling 425.564.2498 or TTY 425.564.4110. Information is also available on their website at <http://bellevuecollege.edu/drc/>

Learning objectives:

By the end of the quarter a successful student should be able to:

- Evaluate expressions using function notation.
- Represent functions using formulas, tables and graphs. Identify the domain of functions.
- Write the equation of a line from data. Identify parallel and perpendicular lines.
- Solve linear systems in two variables using graphic and algebraic methods.
- Set up and solve applications problems using linear systems of equations.
- Solve quadratic equations using different methods. Determine the number of solutions of a quadratic equation by using the discriminant.
- Graph a quadratic function. Set up and solve quadratic application problems.
- Perform basic operations with polynomials.
- Manipulate rational expressions and solve rational equations.
- Set up and solve application problems using inverse/direct variation and proportions.
- Manipulate radical expressions.
- Convert expressions from logarithmic form to exponential form and vice-versa.
- Solve and graph exponential and logarithmic equations.
- Solve exponential and logarithmic application problems

WAMAP site :

WAMAP is a web based mathematics assessment and course management platform. Its use is provided free to Washington State public educational institution students and instructors. I will set-up an account for our math 099 class at WAMAP. Using the WAMAP site is **totally optional**. There is a forum feature for you to post questions, anybody can see all the questions posted and can provide feedback. I will check any questions and provide help as well. There is also a private messaging system, if you do not want to post a question on the forum. To access this feature you will need to do the following:

- Go to www.wamap.org and register as a new student if you have not used wamap before.
 - Sign up for the course. For this you will need:
 - COURSE ID: 720
 - COURSE NAME: math099
 - ENROLLMENT KEY: math099atbcc
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