Math 105: Intermediate Algebra
Instructor: Andrea Payne

Math 105 – 008: 11:40 – 12:40 MTWR
Room 7

Fall 2008

Office Hours	I am available Monday through Thursday before class in ASC room 5 or in the ASC lab. I am also available other times by appointment.
Mailbox	My mailbox is located in Disability Support Services in ASC room 10.
Contact Information	If you need to contact me, you can either call or e-mail me: **Phone:** (406)657-2040 OR (406)657-1641 **e-mail address:** apayne@msubillings.edu
Text	Elementary and Intermediate Algebra 2nd Edition by Carson/Gillespie/Jordan ***MathXL*** (Online component)
Catalog Description:	**Math 105 Intermediate Algebra** (4 cr.) **Prerequisite:** Math 101 or equivalent Reviews elementary algebraic concepts and covers more advanced factoring, operations on rational expressions and radical expressions, quadratic equations, the rectangular coordinate system, and exponential and logarithmic functions. Credits apply toward graduation requirements but do not fulfill General Education requirements.
Student Learning Outcomes:	• Solve linear, absolute value, quadratic, rational, and radical equations. • Simplify polynomial, radical, and rational expressions. • Solve linear and absolute value inequalities. • Graph linear and quadratic equations. • Recognize and determine equations of lines. • Recognize, evaluate, and perform operations on functions. • Recognize logarithmic and exponential expressions and equations.
Grading Scale:	I will be using a plus/minus scale. The grading scale will be as follows: **A:** 93 – 100% **C+:** 78 – 79% **D-:** 60 – 62% **A-:** 90 – 92% **C:** 73 – 77% **F:** Below 60% **B+:** 88 – 89% **C-:** 70 – 72% **B:** 83 – 87% **D+:** 68 – 69% **B-:** 80 – 82% **D:** 63 – 67% ***University policy dictates that a grade of C- or better must be achieved to register for subsequent math courses.*
Calculators:	Graphing calculators will be used in this course. If students have never used one, this course will give them an opportunity to learn the basics. Calculators, when needed, will be provided for student use. Students are welcome to use their own graphing calculators.
Attendance Policy:	Since Math 105 is a developmental math course, attendance is required. While no grade is assigned specifically for attendance, attendance and participation will affect your ability to succeed in this class. **If you must miss class, it is your responsibility to make sure that you understand the material that was covered during your absence and to get a copy of notes and handouts. In the case of any absence, late assignments will be assessed a late penalty unless PRIOR arrangements have been made.**

Math 105: Intermediate Algebra (cont.)

Summer 2008

Late Work Policy:	**All late tests will be assessed a minimum 10% late penalty. All other late work will be assessed a 50% late penalty.** Late work will not be accepted once the assignment has been graded and handed back to class. In the case of an emergency, arrangements should be made as soon as possible.
Assessment:	Assessment is based on points earned from a combination of computer assignments, written assignments, notebook checks, quizzes and tests. Your final grade is ***roughly*** calculated as follows: • **30% HOMEWORK:** ✓ **Computer assignments (1/2 point per problem):** Each section covered in the course has a corresponding computer assignment. Once registered in ***MathXL***, you will be able to access these assignments online. Weekly ***MathXL*** homework will be due every Sunday night before midnight and before midnight the night before the unit exam. ✓ **Required textbook problems (5 points each):** Students are required to put one homework problem per week on the board before class. • **10% NOTEBOOK:** ✓ **Notebook Checks (25 points):** There will be approximately 3 UNANNOUNCED notebook checks during the semester. Notebook requirements will be handed out prior to the first notebook check. ✓ **Notebook Quizzes (10-25 points):** There will be UNANNOUNCED notebook quizzes during the semester. Notebook quizzes can cover ANYTHING that should be in your notebook. • **45% TESTS AND QUIZZES:** ✓ **Tests (100 points each):** There will be four unit tests. (see "Late Work Policy" above) ✓ **Quizzes (1 point per problem):** There will be quizzes in ***MathXL*** that cover each section taught in class. Students should make every effort to get an 80% on each quiz. You may retake a quiz before the due date. • **15% FINAL EXAM:** There will be a comprehensive final given at the end of the semester. The final exam will be worth 15% of your grade. Everyone will be required to take the final exam.
Accommodations:	Students with documented disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disability Support Services at the Academic Support Center as soon as possible to ensure that such accommodations are implemented in a timely fashion. Please meet with DSS staff to verify your eligibility for any classroom accommodations and for academic assistance related to your disability.
Resources:	**The Academic Support Center is open as follows:** • Monday thru Thursday: 8:00 a.m.– 7:00 • Friday: 8:00 a.m. – 5:00 p.m. • Saturday: 9:00 a.m. – 12:00 p.m.