

# Pre-ALGEBRA – MATH 970-051

## Fall Semester – 2010

**Instructor:** Lorie Hughes  
**Meeting Time:** 8:30 to 9:20 am  
**Location:** Noyes Rm. 120  
**Meeting Days:** M–F with one day off

**Office:** Noyes 103  
**Office Hours:** M & W 9:30 – 10:30am  
T, Th. & F 10:30 - 11:30am  
**Office Phone:** 283-7514

**Email:** badger.teacher@hotmail.com

**Home Page:** <http://www.snow.edu/lorieh>

**Course Description:** This course begins with a review of basic math principles, including arithmetic of signed numbers, properties of numbers, fractions, decimals, percents, ratios and proportions. It also includes an introduction to algebra, solving equations and inequalities, solving application problems, exponents, polynomials, factoring and an introduction to graphing. This course is especially designed for students who have struggled with mathematics or have not had any math for several years.

**Required Materials:** Text: *PRE ALGEBRA: HARVEST YOUR MATH SKILLS*  
by: Cindy Alder & Tammy German (3<sup>rd</sup> Edition).  
Scientific calculators are required.  
No graphing calculators!  
Notebook/Binder, 3x5 Note Cards, Paper & Pencils

**Student Responsibilities:** Since this is a college course, the expectations are higher than they were for your high school courses. The average student needs to spend at least two hours outside of class for each hour inside of class. Since this is a 4-credit class, you should plan to spend at least 12 hours a week in and **out** of the classroom (4 hours in class and 8 hours outside of class).

**Attendance:** Attendance and participation are welcomed, crucial, and expected. Comments and questions are encouraged. Attendance will be taken every day. There are a lot of students wanting to be in this class – if you do not wish to attend class I would like to give your spot to someone that does. **Students with 6 or more unexcused absences, missed exams, or excessive missed assignments will be dropped from the class. This will result in a UW and count as a failing grade in the grade point average.** If you know that you will be absent (for athletics, debate, music, etc.) please see me **BEFORE** you miss class so that the necessary accommodations can be made.

**Academic Honesty:** Academic dishonesty includes, but is not limited to cheating on tests or other course work, collusion (this includes telling others about problems on an exam), falsifying, and plagiarism. Evidence of, or strong suspicion of, academic dishonesty will result in a 0 for the test/work and possibly failing grade for the course. Suspension may also be pursued.

**Quizzes / Presentations (10%)** Quizzes and presentations together will be worth 10% of your grade. Quizzes will be given in class with a group effort before each chapter test. When taking the quiz you will be given a group to work with to complete the questions. Students are responsible for showing up on time and ready to take the quiz (For every 5 mins late there will be a 1pt deduction for tardiness – if you are 20 mins late then you will lose 4 pts). For those students that do not participate in the group discussion, they will lose the quiz points. More information regarding rules for the in-class quizzes will be given before the first one. There will be NO quiz scores dropped

For presentations an assigned partner and topic will be given to the class every two or three chapters. This is where you will study a topic with someone and present it to the class. These will be done in partnerships and will be graded according to your understanding of the material as well as presentation. We will discuss the grading more in class before the first presentation. There will be NO presentation grades dropped.

**Homework  
(25%)**

Homework is worth 20% of your final grade and will be given daily. It will be due at the **beginning** of the following class period after it is assigned. **LATE HOMEWORK will NOT be accepted!** Each assignment is worth 10 points. If you attempt every problem you will receive 5 out of the 10 points. 5 problems will be graded at random for accuracy. Each correct answer will be worth 1 point. At the end of the semester, your 3 lowest graded assignments will be dropped. On the top of each assignment please write your **name and assignment #**. If you ever have a problem, please call or visit with me **before** the assignment is due; the earlier the better. Faithfully completing your assignments and attending class is the best way to achieve success in this class – the **BEST** way to learn math is to **DO** math! If you need extra help, please visit the Math Lab (Noyes 101) or come to my office during the hours listed above. You may also schedule an appointment to meet with me at other times as necessary.

The Math Lab is open:

|                              |                            |                               |
|------------------------------|----------------------------|-------------------------------|
| M T W Th<br>10:30am - 8:30pm | Friday<br>10:30am - 3:30pm | Saturday and Sunday<br>Closed |
|------------------------------|----------------------------|-------------------------------|

**Chapter Tests  
(50%)**

Chapter tests are worth 50% of your final grade. There will be 10 tests over the course of the semester. At the end of the semester, the lowest test score will be dropped if you have not missed more than 4 classes, so that only your best 9 scores will count toward your final grade. Tests will be given in the Testing Center as outlined in the schedule. I only grade tests that are completed in *pencil*! So don't use pen. **NO LATE TESTS will be given! So Plan accordingly.** All tests will be given in the testing center located on campus in the Social Science Building (across from the LDS Institute). You will be required to have a valid PHOTO ID in order to take tests in the testing center. If during a test, your cell phone rings or you are caught using a cell phone, this will result in a 0% for the test. The testing center phone number is 283-7197. Their hours are:

|                           |                     |                        |                     |
|---------------------------|---------------------|------------------------|---------------------|
| M T W Th<br>9am - 10:30pm | Friday<br>9am - 5pm | Saturday<br>Noon - 4pm | Sunday<br>5pm - 9pm |
|---------------------------|---------------------|------------------------|---------------------|

**Final Exam  
(15%)**

The final exam will be worth 15% of your final grade. It will be a comprehensive test written by the mathematics department. The exam will be given in our regular classroom. **Math department rules state that you must pass the Final Exam with a grade of 70% or higher in order to advance to Math 1010.** If you do not pass the final with the required score, I am forced by the department to drop your grade to a C- in order to prevent you from taking a higher class.

In order to ensure your success in future math courses, the department has decided that only students who obtain 70% or higher on the final exam will be allowed to enroll in Math 0990 or 1010. Because of the current set up of the registration system at Snow College, any student who obtains less than 70% on the

final must have their grade submitted as a C-. This is an unfortunate but necessary procedure. Please be assured however that students who have done the following almost always pass the final with the required grade or higher. These things are 1) Come to class daily and turn in all assignments, 2) Study for and take each chapter exam, 3) Come me if they get behind or overwhelmed, and 4 ) Study for the final both in class and with a study group

Your final exam is scheduled on:

Tuesday December 14<sup>th</sup> at 7:00 AM to 9:00 AM

### **Grading Scale:**

|                           |                           |                           |
|---------------------------|---------------------------|---------------------------|
| A = 94 – 100%             | B <sup>-</sup> = 80 – 82% | D <sup>+</sup> = 64 – 67% |
| A <sup>-</sup> = 90 – 93% | C <sup>+</sup> = 76 – 79% | D = 60 – 63%              |
| B <sup>+</sup> = 86 – 89% | C = 72 – 75%              | D <sup>-</sup> = 56 – 59% |
| B = 83 – 85%              | C <sup>-</sup> = 68 – 71% | F = < 55%                 |

### **Grades on the Web:**

During the semester, grades will be posted on my website. So that there are no surprises, you may check your grades as often as you like. They will be updated after each test. To access your grades, follow these steps:

1. Go to [www.snow.edu/lorieh](http://www.snow.edu/lorieh)
2. Click classes taught and choose your class.
3. Scroll down and select semester grades.
4. Student name is your last name / comma / space / first name. (For example: German, Tammy)
5. Your password is your student number.
6. After this, there should be a list of your grades and attendance. Please let me know, if for any reason, this does not work. I will be happy to help you at any time.

### **Other Important Stuff:**

I believe that each of us (students and instructor) are responsible for maintaining a positive and productive learning environment. You can expect me to treat all members of the class with respect. In return, I expect each individual to give that same respect to both the instructor and other students in the class. Students who choose not to contribute positively to the learning environment will be invited to pursue their studies elsewhere. You will be expected to uphold the Snow College policies regarding dress, conduct, and drug/alcohol free campus.

Out of respect for others, I expect all cell phones to be turned off during class. I also expect no text messaging in class. Cell phones stop you and your fellow students from learning and are very disruptive to my teaching style. If your cell phone should go off during class, you will be asked to leave immediately.

### **Disabilities**

Students with disabilities desiring accommodations, academic adjustments, or auxiliary aids must contact the Accessibility Resource Center (ACR), Room 241 Greenwood Student Center, phone number (435) 283-7321. The Americans with Disabilities Act (ADA) Coordinator at the Accessibility Resource Center determines eligibility for and authorizes the provision of appropriate services and aids.

Veterans may also be eligible for services.

### **Final Note:**

I reserve the right to make changes to the syllabus. Any changes will be announced in class. Make sure you are there to hear them. Students are responsible for such changes.