INTERMEDIATE ALGEBRA
MATH 1010 – 001
SPRING SEMESTER – 2014 8:30 – 9:20 am – MTWThF – LFB 310

INSTRUCTOR: Cindy Alder
OFFICE: Science 107
TELEPHONE: (435)283-7517
E-MAIL: cindy.alder@snow.edu

VIRTUAL OFFICE HOUR: WED 11:30 AM – 12:20 PM
OFFICE HOURS: MWF 10:30 AM – 11:20 AM
TTh 1:30 PM – 2:20 PM
WEB SITE: http://www.snow.edu/cindy

INTRODUCTION:

Welcome to MATH 1010 at Snow College. Please read this syllabus carefully. It will answer most of the questions you may have about how Math 1010 fits in with your goals as a student at Snow College and will detail the requirements you must meet to complete the course.

Math 1010 Intermediate Algebra provides the necessary prerequisite for Math 1030 Quantitative Literacy, Math 1040 Introduction to Statistics, Math 1050 College Algebra, and Math 1080 Pre-Calculus.

PREREQUISITES:

This course is for students who have successfully completed an introductory algebra course, such as Math 0990, with a grade of C or better within the last two years, or who otherwise qualify by virtue of acceptable ACT or Accuplacer score within the last two years.

Students taking Math 1010 need to have a solid foundation in arithmetic, including operations involving fractions, decimals, percent, signed numbers, and positive exponents. Prerequisite algebra skills include a working knowledge of polynomial operations, including factoring, 2D coordinate systems, slope and intercept, absolute value, and square root, and the ability to solve linear equations. Elementary algebra topics will be covered only briefly and in conjunction with new material. Students should review the material independently.

STUDENT LEARNING OUTCOMES:

To successfully complete Math 1010, students will show proficiency with:

- *****Functions (function notation, arithmetic on functions, composition, domain & range)
- *****Solving and graphing linear inequalities in two variables
- *****Solving and graphing absolute value equations and inequalities
- *****Solving systems of linear equations (2×2, including application problems)
- *****Simplifying, graphing and solving quadratic, radical, rational, absolute value, logarithmic, and exponential expressions and equations
- *****Arithmetic of complex numbers.

WITHDRAWAL POLICY & ATTENDANCE:

January 28th, 2014 is the final day to withdraw from a course without a $25 fee or a "W". The final day to withdraw from a course (with a $25 change of program fee and a "W" on your transcript) is March 18th, 2014. NO withdrawals will be approved after that date.

Regular class attendance is expected of every student. A failing grade of "UW" (Unofficial Withdrawal) may be submitted by the instructor if a student ceases to attend or **complete assigned coursework**. To avoid the punitive impact of a "UW," it is the student's responsibility to officially withdraw from a course by submitting a "Change of Program" form no later than the tenth week of the semester. See the current catalog for more details.

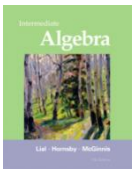
That being said, If you know that you will be absent (for athletics, debate, music, etc.) please see me **BEFORE** you miss class so that the necessary accommodations can be made.

COURSE MATERIALS

REQUIRED MATERIALS:

MyMathLab access for Intermediate Algebra, 11th Edition by Margaret L. Lial, John Hornsby & Terry McGinnis. (Publisher Addison Wesley) A *MyMathLab* access code may come packaged with NEW and USED textbooks or can be purchased separately at a bookstore or online directly from https://pearsonmylab.com. You will need the course ID of **alder94454** in order to complete the registration and gain access to *MyMathLab*. **Students can gain temporary access for 17 free trial days at the website.** Registration must be completed by **Tuesday, January 7th, 2014.**

RECOMMENDED MATERIALS:



Beginning Algebra, 11th Edition by Margaret L. Lial, John Hornsby, & Terry McGinnis (Publisher Addison Wesley). The complete textbook is available online as an eBook with your *MyMathLab* access; however many past students recommend that you also have a paper copy of the text. Note that some websites offer rentals.

Guided lecture notes and a 3-ring binder, along with a homework notebook (either a composition notebook or a spiral notebook that is used exclusively for math homework) is highly recommended for this course. (Guided lecture notes may be purchased at Majock Books, 108 East Center Street in Ephraim.) It is also recommended that all math work be done in pencil.

TECHNOLOGY REQUIREMENTS:

CALCULATOR: You will need a non-graphing scientific calculator for approximations of radicals and logarithmic expressions on homework. Students are expected to be able to perform basic calculations, such as addition of fractions, without a calculator. It is Snow Colleges Mathematics departmental policy in the Math 1010 courses that a **graphing calculator will NOT be allowed on any exams including the module exams, midterm exam, and final exam.**

COMPUTER REQUIREMENTS: Some course content, including, video clips, worked examples, homework assignments, quizzes, tests, announcements, and other course information are located in our class *MyMathLab* site accessed through https://pearsonmylab.com. You will need **daily access to a high-speed internet connection** for multimedia content. Due dates will **not** be adjusted for individual connection problems, so please identify some alternative options should your primary computer or connection have a problem. The Snow College math lab, Snow College library, public libraries, etc. are all locations where you can complete your coursework even if you are having access problems at home.

TECHNICAL PROBLEMS: FOR M*yMathLab* technical support you can chat, phone, or email. Visit http://mymathlab.com/contactus_stu.html to contact them. If the *MyMathLab* site is not working, try going to the **"backdoor"** at http://www.mathxl.com/login_mml.htm.

To use a home computer, it must meet minimum system requirements (detailed here http://pearsonmylabandmastering.com/system-requirements/) to work with the *MyMathLab* program and https://pearsonmylab.com.

You may need a **printer** for printing things like the course calendar, reading assignments, homework exercises, worksheets, PowerPoint lecture notes, etc.

COURSE STRUCTURE AND GRADING POLICIES

COURSE STRUCTURE: This class will meet five days a week as outlined in the course calendar. Class instruction will include lectures, PowerPoint presentations, group work, student presentations, etc. You will complete homework, quizzes, and some tests in our class *MyMathLab* site (housed within https://pearsonmylab.com).

You should be prepared to spend at least two hours each day out of class for each hour of in-class instruction. That is at least 10 to 15 hours per week minimum outside of class. If your schedule does not allow this time commitment you should consider taking Math 1010 another semester.

HOMEWORK (25%): Daily assignments will be worth 25% of your final grade. Assignments will be completed online in *MyMathLab*. It is **HIGHLY recommended** that you get a math notebook and work the homework problems on paper in your notebook, labeling each section and problem. Then enter your solutions online. You can copy the problem by hand or you can use the "print homework" feature of *MyMathLab* to print out the problems in the exercise set. The important part is to keep the steps you do for each problem easily accessible and organized. This will help you as you work the problems and as your review and study for tests.

Assignments will be due at 11:59 pm on the class period after they are assigned. I recommend that you work on an assignment **the day we discuss it in class** rather than waiting until the last minute. You may re-do homework problems up to 5 times (3 tries with each problem.). Your last score will be the one recorded for each assignment. At the end of the semester, your 3 lowest graded assignments will be dropped. If you need extra help, please come to my office hour or visit the Math Lab (Noyes 101). The Math Lab is open:

MTWTh	Friday	Saturday & Sunday
8:30am - 7:30pm	8:30am - 3:30pm	Closed

Late Submission: While it is possible to submit homework late, doing so will result in a significant penalty on the late work. The final late submission date for homework in each chapter will be the last day the corresponding chapter test is offered.

QUIZZES (10%): Quizzes will be worth 10% of your final grade. There will be a short online quiz in *MyMathLab* for each section covered in class. These quizzes contain problems similar to the homework but without the help options. You may retake each quiz up to 5 times if you are not happy with your score. Only the highest score for each quiz will count toward your course grade. All attempts on section quizzes in MyMathLab are due at midnight on the final day of the corresponding chapter test.

In addition to the online quizzes, you will have an In-Class Quiz at the end of each unit. The dates for these quizzes are listed on the class instruction schedule. **Missed quizzes may not be made up**.

CHAPTER TESTS (35%): Chapter tests are worth 35% of your final grade. There will be 7 tests over the course of the semester. At the end of the semester, the lowest test score will be dropped, so that your best 6 scores will count toward your final grade. **ABSOLUTELY NO LATE TESTS will be given**! Chapter tests will be given in the testing center where you will be required to present a valid PHOTO ID. 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. Testing Center (283-7197) hours:

MTWTh	Friday	Saturday	Sunday
9 am – 10:30 pm	9 am – 7 pm	12 pm – 4 pm	5 pm – 9 pm

COURSE STRUCTURE AND GRADING POLICIES

MIDTERM EXAM (10%): The midterm exam will be a cumulative exam worth 10% of your final grade. It will cover material from selected sections in Chapters 1 – 6. The midterm exam is scheduled on **Monday, February 24th and Tuesday, February 25th** and will be administered in class.

FINAL EXAM (20%): The final exam will be worth 20% of your final grade. It will be a comprehensive test written by the mathematics department. The exam will be given in our regular classroom. **It is Snow College's Mathematics Department policy that you will receive a grade no higher than a C- in Math 1010 if your final exam score is lower than 70%.** Please be assured that students who have done the following almost always pass the final with the required grade or higher: 1) Attend class and complete homework daily. 2) Study for the chapter tests and final exam: in class, with friends, and on your own. 3) Attend the math lab or my office hour when you have questions, are overwhelmed or if you get behind. Your final exam is scheduled on:

Wednesday, April 30th @ 7:00 – 9:00 am

GRADING SCALE:

4.0	A	94-100%	2.7	B-	80-82%	1.3	D+	64-67%
3.7	A-	90-93%	2.3	C+	76-79%	1.0	D	60-63%
3.3	B+	86-89%	2.0	C	72-75%	0.7	D-	56-59%
3.0	B	83-85%	1.7	C-	68-71%	0 .0	F	0-55%

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.

IMPORTANT DATES:

Jan. 20	Martin Luther King Day *(No classes)*
Jan. 27	Last day to Pay Tuition & Fees
Jan. 28	Last day to Add/Drop w/o Fee
Feb. 17	President's Day *(No classes)*
Mar. 18	Last Day to Add/Drop ($25 fee)
Mar. 24-28	Spring Break *(No classes)*
Apr. 28	Last Day of Class
Apr. 29 – May 2	Finals Week

Jan. 17-18	**Ch. 1-2 Test**
Feb. 4-5	**Ch. 3-4 Test**
Feb. 20-21	**Ch. 5-6 Test**
Feb. 24-25	**Midterm Exam**
Mar. 7-9	**Ch. 7 Test**
Mar. 20-21	**Ch. 8 Test**
Apr. 14-15	**Ch. 9/11.1 Test**
Apr. 24-25	**Ch. 10 Test**
Apr. 30	**Final Exam**

EXPECTATIONS: I believe that each of us (students and instructor) is 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 to **silent** during class. I also expect **NO TEXT MESSAGING** in class. If a cell phone rings during class, the owner of the phone will be excused for the rest of the class period! In addition, I-pods and MP3 players are not allowed in class.

ADDITIONAL INFORMATION

ADA:

Snow College is committed to policies of equal opportunity in employment and educational programs, and to allow all persons access to college programs regardless of sex, age, color, religion, national origin, sexual orientation, disability, marital status, or veteran disability in compliance with Title VII of the Civil Rights Act of 1964, Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, Americans with Disabilities Act of 1990, and the Vocational Amendments of 1976, and other federal and state constitutional and statutory provisions.

Students with medical, psychological, learning or other disabilities desiring accommodations or services under ADA must contact the Accessibility Resource Center (ARC). The ARC determines eligibility for and authorizes the provision of these accommodations and services for the college.

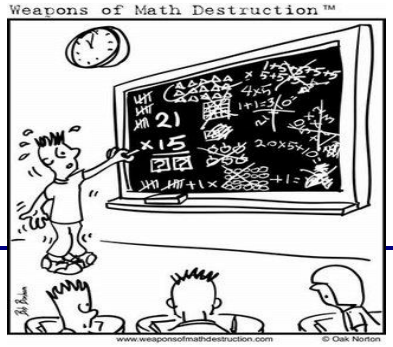
For assistance, please contact the Accessibility Services Coordinator.

Address: Snow College,
241 Greenwood Student Center
150 East College Avenue,
Ephraim, UT 84627.

Phone: (435) 283-7321

Fax: (435) 283-7314

Email: katie.larsen@snow.edu



FINAL NOTE:

I reserve the right to make changes to the syllabus. Any changes will be announced in class. Students are responsible for such changes.