

PREREQUISITES AND TRANSFERABILITY: Satisfactory completion of Math 91 or satisfactory SAT/ACT/ CSN Mathematics Placement Test score. Course is not transferable. Course DOES NOT satisfy the Math component of a degree or certificate program at CSN.

Note: Math 97 should only be taken by students with excellent grades in Math 93.

- OBJECTIVES: Upon completion of the course, the student should be able to:
- a. Manipulate whole numbers, fractions, and decimals
 - b. Use order of operations
 - c. Simplify algebraic expressions
 - d. Manipulate signed numbers
 - e. Solve relatively simple linear equations
 - f. Graph ordered pairs on a coordinate axis
 - g. Graph simple linear equations in two variables on a coordinate axis
 - h. Obtain area and perimeter of simple geometric shapes
 - i. Apply and extend concepts

ATTENDANCE: Attendance at all classes is required. Students who find themselves in a position of having to miss numerous classes should withdraw and take the course when regular attendance is possible or take the course by distance education. If classes are missed, students are responsible for knowledge of material missed. CSN has a policy that, to the extent possible, students will be excused for religious holidays: please inform instructor ahead of time. Please see note at top of syllabus.

IMPORTANT DATES:

January 23.....	Classes begin
January 29.....	Final date to drop course
February 20.....	Presidents' Day Holiday
March 19-25.....	Spring Recess
April 6.....	Final date to withdraw from class
May 21.....	Semester ends

RETENTION OFFICE: If you are having TROUBLE with Math or WANT TO QUIT, you are urged to contact the Retention Office for HELP. Academic Coaches are available to help you. Contact Angel at 651-3103 or stop by the Retention Office in room B130.

DRC: If you have a documented disability that may require assistance, you will need to contact the Disability Resource Center (DRC) for coordination of your academic accommodations. The DRC is located in Student Services on each campus. For Henderson the number is 651-3795. For those students who would like to earn a little extra cash, stop by the DRC to fill out a job interest card. The DRC office hires students as note takers, proctors, scribes and research assistants as needed.

STUDYING: some hints for studying/learning Mathematics are:

- a. Attend every class and pay attention.

- b. Practice is the key to success. Learning Math is an active process. You must work problems-the general rule of thumb is for students to spend 2 hours of time outside of class for every hour inside class. Utilize tutors, computer tutorials, and other study aids.
- c. Mistakes are a natural part of the learning process. Do not be frightened by them, but profit by them.
- d. Keep up with assignments. Moderate daily study is much more effective than intensive stretches before an examination. Do not cram for an exam.
- e. Ask questions.

Students are encouraged to work together on homework, without copying. Students in this class are also encouraged to obtain assistance from tutors or the instructor, and to use available technology. Homework/quiz/exam formats, timeliness, and points are completely at the option of the instructor.

GRADING: The course will consist of 500 total points:

Grades will be		Grades will consist of:	
as follow:		100 point Exams	300 points
450 ⁺	A	Final Exam	125 points
400-449	B	Daily Quizzes	75 points
350-399	C		
300-349	D	TOTAL	<u>500 points</u>
Below 300	F		

NOTE: THE FINAL EXAM WILL BE GRADED WITH NO PARTIAL CREDIT. IN ORDER TO PASS THE COURSE, YOU MUST RECEIVE AT LEAST 60% ON THE FINAL EXAM.

There will be no make-up exams or quizzes. In the event a student must miss an exam, the instructor is to be informed immediately. The instructor may give more than one quiz on the same day and choose which one to use. **IF YOU QUIT ATTENDING AND DO NOT OFFICIALLY WITHDRAW, YOU WILL RECEIVE A GRADE OF “F”. THE INSTRUCTOR WILL NOT AUTOMATICALLY WITHDRAW STUDENTS.**

To receive any grade other than an “F” in this course, you must do all of the above:

- a) Meet the course absence policy described,
- b) Obtain at least 60% on the final exam, and
- c) Earn the points in the course required for another grade.

SAFETY: Please note emergency exits. Please inform instructor of any environmental hazards. A copy of the Mathematics departmental safety plan is on file at the Mathematics Department office at the Cheyenne campus.

HONESTY: The instructor assumes honesty on the part of all students. However, cheating, plagiarism, and other acts of academic dishonesty are held as serious offenses. Instructors have the responsibility to report any such incident in writing to the administration. The student involved WILL flunk the course and could be expelled from the college.

CLASSROOM BEHAVIOR: Instructors have the responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of instruction. Students may not engage in activity that the instructor deems disruptive or counterproductive to the goals of the class. Instructors have the right to remove offending students from class. Repetition of the offense may result in expulsion from the course. PLEASE TREAT ALL OTHER STUDENTS WITH RESPECT. AS A MATTER OF COMMON COURTESY TO OTHER STUDENTS AND THE INSTRUCTOR, PLEASE:

- a. Turn off beepers and cellular phones or place on vibrate. Leave room if necessary to answer phones. There will be NO cell-phone, headset or internet use or texting during this class. **Cell-phone use/texting will cause the student to be asked to leave the class.**
- b. **Do not disrupt class by talking to your neighbor. There are to be no “sidebar” conversations.**
- c. Be on time to class and attend all classes. Do not schedule appointments, etc. during scheduled class times.
- d. Don't just walk out of class: it is rude and disruptive. If you have a commitment which absolutely had to be made for a time during class, inform instructor at the beginning of the class.
- e. Don't waste class time asking instructor to re-do material you were absent for or did not complete homework for: use videos, computer tutorials, tutors, or instructor office hours.
- f. Pay attention. Participate fully in class activities.
- g. In the event that a student finds another student's words, actions or demeanor offensive, please inform instructor.

NOTES: All quizzes and Exams will be comprehensive. Scientific or basic (not graphing or cell-phone) calculators will be useful at times, but NO CALCULATORS may be used on exams unless otherwise noted. Students are to read assigned sections of text in preparation for lecture. Students are encouraged to work together on homework, without copying. Students in this class are also encouraged to obtain assistance from tutors or the instructor, and to use available technology. Homework/quiz formats, timeliness, and points are completely at the option of the instructor. There will be no make-ups. Please inform the instructor immediately if you miss an exam. Exam formats are at the option of the instructor, may change during the semester, and may include in/out of class portions. Daily quizzes will be discarded if not received the day they are returned. Corrections to test grades, if any, must be made within three weeks of tests being returned.

COLLEGE OF SOUTHERN NEVADA
MATH 93 PRE-ALGEBRA
SPRING, 2012
TENTATIVE SCHEDULE*

<u>CLASS</u>	<u>MW</u>	<u>CLASS MATERIAL</u>
CHAPTER 1: WHOLE NUMBERS		
1	1/23	Introduction, Distributive Property SECTIONS 1.1 - 1.3
2	1/25	Order of Operations, Solving basic Equations SECTIONS 1.4 - 1.6
SPECIAL REVIEW		
3	1/30	Fractions, Decimals, Percents INTENSE REVIEW
CHAPTER 2a: INTEGERS AND COUNTING		
4	2/1	Combine Integers, Evaluate SECTIONS 2a.1 - 2a.3
5	2/6	Combine Like Terms, Solve Equations SECTIONS 2a.4 - 2a.5
CHAPTER 2b: INTEGERS AND MULTIPLYING		
6	2/8	Multiply/Divide Integers SECTIONS 2b.1 - 2b.2
7	2/13	Order of Operations, Evaluate SECTION 2b.3
8	2/15	Distribute and Combine with Integers SECTION 2b.4
9	2/22	<u>EXAM ONE THROUGH SECTION 2b.3</u>
10	2/27	Solving Equations SECTIONS 2b.5 - 2b.7

CHAPTER 3: ALGEBRAIC LANGUAGE AND SOLVING EQUATIONS

11	2/29	Word Problems SECTIONS 3.1 - 3.3
12	3/5	Solving Equations SECTIONS 3.4 - 3.5

CHAPTER 4: FRACTIONS

13	3/7	Reducing Algebraic Fractions SECTION 4.1
14	3/12	Multiplying/Dividing Algebraic Fractions SECTION 4.2
15	3/14	Adding/Subtracting Algebraic Fractions SECTION 4.3
16	3/26	Mixed Numbers, Using Signs SECTION 4.4
17	3/28	<u>EXAM TWO THROUGH SECTION 4.3</u>
18	4/2	Solving Equations SECTION 4.5

CHAPTER 5: DECIMALS AND FORMULAS

19	4/4	Solving Equations SECTION 5.1
20	4/9	Review of equations, word problems Extra Material
21	4/11	Percent SECTION 5.2
22	4/16	Percent Change SECTION 5.2 Addendum
23	4/18	Geometry SECTIONS 5.3 - 5.5
24	4/23	<u>EXAM THREE THROUGH Section 5.2 Addendum</u>

