COURSE: MATH 124 – COLLEGE ALGEBRA
SECTION: Section 2003
CREDIT: 3 Credit Hours
TIME: MW: 12:30 pm – 1:50 pm
LOCATION: Cheyenne Room S – 108
INSTRUCTOR: Chris King
OFFICE: S – 143 B (Cheyenne Campus)
OFFICE HOURS: MW: 11:30 am – 12:30 pm and 4:00 pm – 4:30 pm (Cheyenne Campus)
TR: 8:00 am – 9:00 am (West Charleston Math Resource Center)
EMAIL: christopher.king@csn.edu
WEBSITE: http://sites.csn.edu/cking

COURSE DESCRIPTION:
Practical applications are the focal point of this course. Topics include equations and inequalities; linear, quadratic, polynomial, exponential and logarithmic functions and their graphs; solutions of systems of linear equations; matrices; and sequences and series.

NOTE: This course does NOT serve as a prerequisite for MATH 127 nor is it sufficiently rigorous for entry into calculus.

PREREQUISITES AND TRANSFERABILITY:
MATH 096 or MATH 097 both with a grade of C or better; or a satisfactory ACT/SAT/Placement Test score.

TEXTBOOK:
There is no required book. Students will need access to the ALEKS package for College Algebra; 1st Edition; Miller.

CALCULATORS:
A graphing calculator is required for this course. TI-83 or 84 Plus is recommended. The instructor will use the TI-84 Plus for in class demonstrations.

OBJECTIVES:
Upon completion of the course, the student should be able to:

a. Solve equations and inequalities.
b. Graph linear, exponential, polynomial, absolute value, square root, piece-wise defined, and logarithmic functions.
c. Analyze properties of functions.
d. Solve systems of linear equations in two and three variables using the substitution, addition, and/or matrix method.

e. Solve problems involving matrices, sequences, and series.

f. Apply and extend all concepts.

ATTENDANCE:
In order to be successful in this class, attendance is critical. Come to class prepared. Each student should read the section(s) to be discussed during the lecture, bring paper, pencils or black/blue pens etc. I do NOT have extra pens, pencils, or paper to give you. In addition, I don’t loan out my calculator. It is your responsibility to make sure that you have a calculator with you at all times. If you miss, it is your responsibility to obtain missed material and to get the assignment from another student. Please turn off electronics devices before entering the classroom. If you come to class late, please be courteous and quiet. Do not disrupt the class. No eating is allowed in the classroom.

IF YOU QUIT ATTENDING AND DO NOT OFFICIALLY WITHDRAW, YOU WILL RECEIVE A GRADE BASED ON WHAT YOU HAVE EARNED IN THE CLASS. IT IS THE POLICY OF CSN THAT THE INSTRUCTOR CAN NOT ISSUE “W” TO A STUDENT.

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. Students should refer to http://www.csn.edu/pages/3342.asp for more information about academic dishonesty and integrity.

COUNSELING/ADVISING:
The purpose of counselors and advisors is to help students select courses, complete degree audits, obtain transfer information, and provide personalized assistance in developing educational and vocational plans appropriate to personal interests and abilities of each student. Contact information: CHARLESTON Bldg. D – Lobby, 651-5670; CHEYENNE E-107 Student Services Area, 651-4049; HENDERSON Bldg. B - Student Services Area, 651-3165

FACULTY E-ALERT (THE ELECTRONIC EARLY WARNING SYSTEM):
The Faculty E-ALERT system is used by faculty members as a confidential means to submit, to Retention Services, the names of students having academic problems in a class so that they can be offered timely assistance. Faculty places the referral through CSN's restricted Web Grading system. The E-Alert System is managed by the Office of Student Retention Services.
MATH RESOURCE CENTERS:
The Math Resource Centers offer FREE individual and group, drop-in tutoring assistance in various levels of math and science. Contact information: CHARLESTON Bldg. K – Room 406, 651-7615; CHEYENNE Room 2651, 651-4088; HENDERSON Bldg. C – Room 119, 651-3167.

RETENTION/STUDENT SUCCESS SERVICES:
Trained specialists/advocates help students assess personal strengths and limitations, determine the root of a variety of academic struggles, develop college success strategies, implement action plans, provide tools to navigate the educational system, show the availability campus and community resources, and give direction on how to connect to campus life. Contact information: CHARLESTON Bldg. B-119, 651-7367; CHEYENNE E-120 Student Services Area, 651-2626; HENDERSON Bldg. B – 130, 651-3103.

TRIO STUDENT SUPPORT SERVICES:
The Trio Student Support Services Center offers support for first-generation and disabled college students, providing information for financial aid eligibility, tutoring, academic advising, career exploration, college-transfer assistance, and the development of college success strategies. Contact information: CHEYENNE E-109, 651-4441.

TUTORIAL SERVICES:
All CSN students are offered an unlimited amount of free tutoring. To make arrangements for this benefit, you must take your semester schedule to Tutorial Services at the campus of your choice, and activate your CSN student email account. The earlier you apply for help, the more likely you are to succeed. Contact information: CHARLESTON Bldg. D – Room 203, 651-5732; CHEYENNE E-201 (Library), 651-4232; HENDERSON Bldg. C – Computer Lab, 651-3125.

GRADING:
Grades will consist of:
3 Tests: 50%
Online Homework: 15%
Notebook: 5%
Projects: 10%
Comprehensive Final Exam: 20%

GRADING SCALE:
A: 89.5 - 100
B: 79.5 – 89.4
C: 69.5 – 79.4
D: 59.5 – 69.4
F: Below 59.4
**HOMEWORK:** Homework will be through the ALEKS learning management system. Please see the ALEKS info sheet for more information. ALEKS will create personalized homework assignments for each person. They are objective based and will be tied to the objectives we cover each week. Homework will be due MOST Sunday night by 11:59 pm. It is in your VERY BEST interest to start homework early in the week and not wait until the last minute. If you wait until the last minute to complete the homework, you may not finish by the deadline and there are no extensions for assignments.

**HOMEWORK NOTEBOOK:** You will need a 3-ring binder or notebook where you will do the work for your homework. Online homework does not mean you can do all the problems in your head. You will need to keep all your work in the 3-ring binder or notebook that will be collected on test days. You should clearly label what objective you are working on and then underneath you should write the problem and work it out. This is also valuable to take when you come to see me for help or go to the tutoring center as we can see exactly where you are getting stuck.

**PROJECTS:** In this course, it will be a project driven course so that you can develop a further understanding of the topics covered in the course. You will be placed in groups of 2 or 3 for each project. The projects will be completed in two parts. You will have an intro day and a final day for each project. The projects will be tied to the material that we are covering at the time. It is imperative to make sure that you are present of the project days. If you are absent on the first workday of the project, it is your responsibility to see the instructor and get the project. You will have to complete the project by yourself. If you are absent on the second project day, you will have to get the remaining portion of the project from the instructor and complete it within 1 week of the original project due date. Failure to doing this will result in a lower project grade. The projects’ due dates are before the test. You can find these dates within the schedule.

**EXAMS:** There will be three in-class exams and a comprehensive, in-class final exam. The dates of these exams are listed in the schedule. Each exam will be designed to test your understanding of the material covered in class and the homework assigned. There will be no makeup on missed exams for any reason. Since the final exam is comprehensive, you will have the opportunity to replace your lowest exam score with the score that you make on the final exam, provided you score higher on the final than your lowest exam score. If you miss more than one regular exam, you will get a zero for each one missed with no chance to make-up/replace the grade. Exams have to be taken during class time.

**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.

IMPORTANT DATES:
January 19th       MLK Holiday
January 20th        Spring Semester Begins
February 16th      President’s Day Holiday
March 6th          Last day to apply for Spring 2015 Graduation
March 16 – 22      Spring Recess
April 3rd          Last day to change from credit to audit
April 3rd          Last day to withdraw from a class with a “W”
May 17th          Spring Semester Ends

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 cell phones or place on vibrate. Leave the room if necessary to answer phones. There will be NO cell-phone, headset or internet use or texting during this 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 prior commitment, which absolutely has to be made for a time during class, inform the instructor at the beginning of the class.

e. Don’t waste class time asking the instructor to re-do material you were absent for or did not complete in the homework: 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.
**Student's Rights:**
Student’s rights and responsibilities pertaining to CSN policies and services can be found in the College Catalog and on the CSN website http://www.csn.edu/pages/660.asp

**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, and the Cheyenne number is 651-4045. 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.

**Libraries:**
The libraries offer many workshops that may or may not pertain to this class throughout the semester. The schedule can be found at www.csn.edu/LibraryWorkshops or by calling 651-5729 for more information.

**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 each campus.
# MATH 124 COLLEGE ALGEBRA
## SPRING, 2015
### TENTATIVE SCHEDULE*

<table>
<thead>
<tr>
<th>Dates</th>
<th>Lessons</th>
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<tbody>
<tr>
<td>January 19th</td>
<td>MLK Day – NO SCHOOL</td>
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<tr>
<td>January 21st</td>
<td>Intro, Syllabus, and Initial Assessment</td>
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<td>January 26th</td>
<td>2.1 and Project 1 Intro</td>
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<td>January 28th</td>
<td>1.1 – 1.2</td>
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<td>February 2nd</td>
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<td>February 4th</td>
<td>1.5 – 1.6</td>
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<td>February 9th</td>
<td>1.7 – 1.8</td>
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<td>February 11th</td>
<td>Test 1 Review and Finish Project 1</td>
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<td>February 16th</td>
<td>NO SCHOOL</td>
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<td>February 18th</td>
<td>Test 1</td>
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<td>February 23rd</td>
<td>2.2 and Project 2 Intro</td>
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<td>February 25th</td>
<td>2.3 – 2.4</td>
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<td>March 2nd</td>
<td>2.5 – 2.6</td>
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<td>March 9th</td>
<td>2.8 – 3.1</td>
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<td>March 11th</td>
<td>3.2 and 3.6</td>
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<td>March 23rd</td>
<td>Finish Project 2</td>
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<td>March 25th</td>
<td>Test 2 Review</td>
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<td>March 30th</td>
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<td>April 1st</td>
<td>Project 3 Intro</td>
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<td>April 6th</td>
<td>4.1 – 4.2</td>
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<td>April 8th</td>
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<td>Finish Project 3</td>
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<td>Test 3 Review</td>
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<td>April 29th</td>
<td>Test 3</td>
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<td>May 4th</td>
<td>Chapter 5 and Chapter 6 Topics</td>
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<td>May 6th</td>
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<td>May 11th</td>
<td>Final Exam Review</td>
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<td>May 13th</td>
<td>Final Exam</td>
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### Disclaimer
* The instructor reserves the right to modify the above schedule as necessary. It is the student’s responsibility to be aware of any changes made. The instructor also reserves the right to change the schedule in any manner at any time with written notification.