COURSE: MATH 120 - FUNDAMENTALS OF COLLEGE MATH
SECTION: Section 2008
CREDIT: 3 Credit Hours
TIME: MW: 7:30 pm – 8:50 pm
LOCATION: Cheyenne Room S-125
INSTRUCTOR: Chris King
OFFICE: S-143B (Cheyenne Campus)
OFFICE HOURS: MW: 1:00 pm – 2:00 pm (Cheyenne Campus), TR: 4:30 pm – 6:00 pm (West Charleston Math Resource Center)
EMAIL: christopher.king@csn.edu
WEBSITE: http://sites.csn.edu/cking

COURSE DESCRIPTION:
Topics include probability, statistics, geometry, and consumer mathematics. It may include problem solving, sets, logic, mathematical systems, numeration, and measurement. Course is broad in scope, emphasizing applications.

PREREQUISITES AND TRANSFERABILITY:
Satisfactory completion of Math 95 or satisfactory SAT/ACT/CSN Mathematics Placement Test score.

TEXTBOOK:
There is no required book. Students will need access code to the MyMathLab Thinking Mathematically; 6th Edition; Blitzer.
COURSE ID: king45062

CALCULATORS:
Calculators will be allowed on in-class activities, such as quizzes and exams.

OBJECTIVES:
Upon completion of the course, the student should be able to:
- a. Determine the probability and odds of an event
- b. Determine the expected value of an event
- c. Read, create and understand tree diagrams
- d. Work with basic statistical operations
- e. Identify, interpret, and create various statistical graphs and plots
- f. Calculate perimeters and areas
- g. Work with congruent and similar triangles
- h. Solve problems involving simple and compound interest
- i. Perform basic calculations with installment buying and mortgages
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.
RENTENTION/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:
The Tutorial Services’ mission is to foster a positive and caring learning atmosphere that supports classroom instruction and overall student success. One-on-one tutoring and drop-in labs are available – visit www.csn.edu/tutoring for more information. Tutors are available in most subjects to provide learning support and help you improve your academic motivation and performance, enhance your self-esteem and confidence as an independent learner, and achieve your educational, professional and personal goals. Register for FREE and UNLIMITED one-on-one tutoring and schedule appointments at www.mywco.com/csntutoring or contact one of our offices at: Charleston Campus – (Room D-203 - 651-5732) – Cheyenne Campus (Room S-247 - 651-4232) – Henderson Campus (Room B-201 - 651-3125).

GRADING:
The course will consist of 1000 total points:

Grades will consist of:

4 Tests: 125 points each
Online Homework: 150 points
In-Class Quizzes: 150 points
Final Exam (Not Comprehensive): 200 points

GRADING SCALE:
A: Above 899.4
B: 799.5 – 899.4
C: 699.5 – 799.4
D: 599.5 – 699.4
F: Below 599.5
ONLINE HOMEWORK (HW):
A homework assignment will be given over each section covered in class. Homework will be assigned and completed online using MyMathLab, which can be accessed through http://pearsonmylabandmastering.com/?cc. You will need to follow the directions provided on the “Student Registration Instructions” handout. Please email me immediately if you are having any trouble accessing or completing the online homework.

Homework assignments must be completed with a score of 90% or better in order to unlock the next homework assignment. All homework assignments will count toward your final grade. Homework in each section must be completed before that section’s exam. No late online homework assignments will be accepted!

IN-CLASS QUIZZES:
There will be an in-class quiz almost every class. Each quiz will consist of questions directly related to the HW assignments and lecture. Quizzes will have anywhere from 1 to 5 questions on it. All quizzes are worth 10 points.

In-Class quizzes will be given at the beginning of class! Only fifteen minutes will be allowed for each in-class quiz. If you are more than 15 minutes late for class on a quiz day, you will receive a zero on that quiz.

EXAMS: There will be four in-class exams and a non-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. Exams have to be taken during class time. Exams will not be given early or at a different 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:
August 25th Classes begin
September 1st Labor Day
October 10th Last day to apply for Fall 2014 Graduation
October 31st Nevada Day
November 3rd Final date to withdraw from class
November 11th Veteran’s Day
November 27th – 30th Thanksgiving Holiday
December 17th 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.

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.
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 120 FUNDAMENTALS OF COLLEGE MATH
### SUMMER, 2014
### TENTATIVE SCHEDULE*

<table>
<thead>
<tr>
<th>Dates</th>
<th>Lessons</th>
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<tr>
<td>August 25&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Introduction, Syllabus, Geometry</td>
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<tr>
<td>August 27&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Geometry</td>
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<td>September 1&lt;sup&gt;st&lt;/sup&gt;</td>
<td>Labor Day</td>
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<td>September 3&lt;sup&gt;rd&lt;/sup&gt;</td>
<td>Geometry</td>
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<td>September 8&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Geometry/Review</td>
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<td>September 10&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Test 1</td>
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<td>September 15&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Consumer Math</td>
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<td>September 17&lt;sup&gt;th&lt;/sup&gt;</td>
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<td>September 22&lt;sup&gt;nd&lt;/sup&gt;</td>
<td>Consumer Math</td>
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<td>September 24&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Consumer Math/Review</td>
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<td>September 29&lt;sup&gt;th&lt;/sup&gt;</td>
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<td>October 1&lt;sup&gt;st&lt;/sup&gt;</td>
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<td>Sets</td>
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<td>October 13&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Sets/Review</td>
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<td>October 15&lt;sup&gt;th&lt;/sup&gt;</td>
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<td>November 3&lt;sup&gt;rd&lt;/sup&gt;</td>
<td>Logic/Review</td>
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<td>November 5&lt;sup&gt;th&lt;/sup&gt;</td>
<td>Test 4</td>
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<td>November 10&lt;sup&gt;th&lt;/sup&gt;</td>
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<td>Statistics</td>
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<td>December 1&lt;sup&gt;st&lt;/sup&gt;</td>
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<td>Review</td>
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<td>December 8&lt;sup&gt;th&lt;/sup&gt;</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.