Course Description and Objectives

Math 120, Fundamentals of College Mathematics provides an introductory college level math course for students, who are pursuing liberal arts majors. Topics include problem solving, sets, probability, statistics, geometry, and consumer mathematics. This course is broad in scope, emphasizing applications. Prerequisite: MATH 095 with a grade of C or better; or a satisfactory ACT/SAT Placement Test score.

1) Determine the probability and odds of an event.
2) Determine the expected value of an event.
3) Read, create and understand truth tables.
4) Understand set theory terminology and Venn diagrams.
5) Identify, interpret, and create various statistical graphs and plots.
6) Calculate trigonometric functions for angles.
7) Work with congruent, similar and right triangles.
8) Solve problems involving simple and compound interest.
9) Perform basic calculations with installment buying and mortgages.
10) Apply and extend all concepts.
Course Materials and Online Setup
You will be using MyMathLab (www.mymathlab.com). You will need an access code to Login to MyMathLab. You must buy the access code in the bookstore or online. You should login to MyMathLab as soon as possible because course work is due soon.

Registering on MyMathLab.com
HELP WITH REGISTERING LINK (Click Here)
You will need three things to register for this course:
1) Course ID: johnson56036
2) Access Code: Purchased with book or separately online.
3) Valid Email: Your preferred email address.

Course Textbook
Mathematical Ideas, 12th Edition
Authors: Miller, Charles D.; Heeren, Vern E.; Hornsby, John
You are NOT required to purchase a textbook for this course. The textbook is online. Yet you must somehow purchase the Access Code stated above. You can buy the Access Code alone, or you can buy a new book with the Access Code packaged with it. Note, you cannot buy a used book and obtain an Access Code. Only new books contain an Access Code. The Access Code is located in new books inside a MyMathLab packet.

Homework
The homework for each section must be completed by the due date given, which will always be on a Wednesday before 11:59PM. You must finish your work before 11:59PM NOT begin it before 11:59PM. Homework is the most important part of this course comprising 50% of your course grade. You should take notes from the HW and keep them in a Course Notebook. This Course Notebook will not be graded, but will serve as a study reference for your exam preparation. You cannot access HW after the due date so make sure you take any notes you need before the due date.

Exams
You will have two exams (Exam #1 & Exam #2) each worth 25% of your course grade. Exams can ONLY be taken at one of the three main campuses' Testing Centers (It is Your Responsibility to Check Testing Centers Hours of Operation). The deadline for Exam #1 is October 8th, 10/08/2014. The deadline for Exam #2 is December 10th, 12/10/2014. Make sure you check the posted hours of the Testing Center you are planning to use. You will have 2 1/2 hours (150 minutes) to complete each exam. Each exam will have 25 questions. You are allowed to review your exams IMMEDIATELY after submitting them. You will be allowed to use a calculator and scratch paper on the exams. You may take the exams at ANYTIME before the due date.
Extra Credit | NO extra credit work will be offered in this course for any reason.
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Grade Calculation | Overall Course Average will be computed as follows: \( \text{Average} = (0.5) \times \text{(HW Average)} + (0.25) \times \text{Exam #1} + (0.25) \times \text{Exam #2} \)
Grade Scale |  
| 90-100 | A  
| 80-89  | B  
| 70-79  | C  
| 60-69  | D  
| 0-59   | F  
Course Withdrawal | It is the student's responsibility to withdraw from a course before the appropriate deadline. The instructor does not withdraw students. It is your responsibility to withdraw from this class online or at the registrar's office.
Academic Integrity | Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the student handbook (published by student services) regarding student responsibilities and rights, the intellectual property policy, and for information concerning what constitutes acceptable behavior.
Americans with Disabilities Act | Students with medical, psychological, learning or other disabilities desiring academic adjustments, accommodations or auxiliary aids will need to contact a campus Disability Resource Center (DRC): Cheyenne 651-4045; Charleston 651-5089; Henderson 651-3086. The Disability Resource Center determines eligibility for and authorizes the necessary services.
On Campus Tutoring | CSN students are fortunate to have two tutoring options available to them. Both tutoring options are **FREE** of charge to students. The Math & Science Tutoring Centers tutor students on a walk-in basis. Each campus has a center containing computers, and they are excellent places to do your HW. You may also schedule hour long sessions of one on one tutoring on each of the three main campuses.