Instructor: David Hervey  
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Phone: (702) 651-7679  
E-mail: david.hervey@csn.edu  
Webpage: http://sites.csn.edu/dhervey/  
Office Hours: Mondays & Wednesdays 9:00 am – 11:00 am  

Course Description and Objectives  
Topics include problem solving, sets, probability, statistics, geometry, and consumer mathematics. It may include logic, mathematical systems, measurement, and graph theory. The 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. Upon completion of this course, students should be able to:  

- Determine the probability and odds of an event.  
- Determine the expected value of an event.  
- Read, create and understand tree diagrams.  
- Work with basic statistical operations.  
- Identify, interpret, and create various statistical graphs and plots.  
- Calculate perimeters and areas.  
- Work with congruent and similar triangles.  
- Solve problems involving simple and compound interest.  
- Perform basic calculations with installment buying and mortgages.  
- Apply and extend all concepts.  

Course Textbook / Canvas  

When Are We Ever Going To Use This Stuff, 6th Edition by Matovina & Yates. Published by Cognella Academic Publishing (ISBN: 978-63487-250-8). The textbook can be purchased at the CSN Bookstore. 

You can also purchase the book directly from the University Readers Online Store (https://students.universityreaders.com/store/). This option may save you a little bit of money. 

In addition, this course will also use Canvas. Canvas is CSN’s online course management system (https://csn.instructure.com/login). If you have any Canvas related problems, you can contact
CSN’s help desk at 702-651-4357. **Canvas is free and does not require an access code. Please do not buy a Canvas access code through Cognella.**

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### Course Homework (from the Textbook)

There are suggested homework problems for most sections that we cover. Answers for all homework problems can be found in the textbook. Completing the homework is the best way to understand and learn the material. However, the homework problems are not mandatory and **will not** count in your final grade calculation. The homework is designed to prepare you for the required quizzes and the Final Exam.

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### Course Quizzes (Canvas)

There are eighteen (18) required quizzes for this course. If you fail to complete a required quiz by the corresponding due date, a score of zero (0) will be assigned for that quiz. All quizzes will be taken online and have a time limit. Quiz questions are very similar to the suggested homework problems. Remember, you only get one try and all quizzes will count in your final grade calculation.

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### Final Exam (May 11 or 12, 2016 @ the West Charleston Campus)

The Final Exam is **not** online. The Final Exam is a proctored paper exam that you will take in person. If you live in another state (or country), arrangements can still be made. However, you will need to contact the instructor as soon as possible. Please plan now to attend one of the Final Exam Sessions listed below at the West Charleston Campus.

- **Wednesday May 11, 2016:** 6:00 pm – 7:30 pm (West Charleston Building K – 226)
- **Thursday May 12, 2016:** 8:00 am – 9:30 am (West Charleston Building K – 226)
- **Thursday May 12, 2016:** 6:00 pm – 7:30 pm (West Charleston Building K – 226)

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### How the Course Operates & Getting Started

For this course, we will cover the first five (5) chapters from the textbook. Students are expected to read each section in the textbook. Some sections also have corresponding notes to help you understand key concepts. These notes are located in the Canvas system in the “Assignments” section.

To start the course click on “Assignments”, then click on “Assignment 1 – Chapter 1”. You will then see all of the assignments for Chapter 1.

After reading a chapter section and reviewing the corresponding notes, students are expected to complete the suggested homework problems for the section. Remember, completing the homework is the best way to understand and learn the material.

Once the student has completed the suggested homework problems for a section, then the student
should take the required quiz for that section. Quiz questions are very similar to the suggested homework problems. Also, all quizzes have a time limit that depends on the number of questions. Failure to complete a required quiz by the corresponding due date will result in a score of zero (0) for that quiz. Absolutely no make-up or extra credit work will be offered for this course.

Due Dates & Suggested Homework Problems

It is the student’s responsibility to complete all required activities by the corresponding due date. There is no acceptable excuse for missing a due date. This includes technical difficulties (or other computer problems), children, illness, deaths in the family, traffic court, vacations, or any other legitimate (or imaginary) problems. Below is the course schedule. Assignments are available for an extended period of time so that students can make appropriate arrangements to complete the required work. Thus, any missed assignment will be scored as a zero (0), and no make-up or extra credit work of any kind will be offered.
5.3  Apr 25 - May 2  #1-5 & 8-9  None  May 2 @ 11:59 pm
5.4  Apr 25 - May 2  #1-16 & 18,20,21,24,25,28-30  Math120_Quiz5.4  May 2 @ 11:59 pm
5.5  Apr 25 - May 2  #1-10  Math120_Quiz5.5  May 2 @ 11:59 pm

<table>
<thead>
<tr>
<th>Section</th>
<th>Dates Available</th>
<th>Suggested Problems</th>
<th>Required Quiz</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review</td>
<td>All Semester</td>
<td>Final Exam Review</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

**Final Exam** - You must attend one of the Final Exam Sessions to take the exam

<table>
<thead>
<tr>
<th>Exam Session</th>
<th>Dates Available</th>
<th>Campus Location</th>
<th>Room</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exam Session</td>
<td>Wed - May 11</td>
<td>West Charleston</td>
<td>K-226</td>
<td>6:00 pm - 7:30 pm</td>
</tr>
<tr>
<td>Exam Session</td>
<td>Thur - May 12</td>
<td>West Charleston</td>
<td>K-226</td>
<td>8:00 am - 9:30 am</td>
</tr>
<tr>
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<td>Thur - May 12</td>
<td>West Charleston</td>
<td>K-226</td>
<td>6:00 pm - 7:30 pm</td>
</tr>
</tbody>
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**Course Grade Calculation**

The final course grade will be calculated using all 18 required quizzes and the Final Exam. The 18 quizzes are worth a total of 220 points, while the Final Exam is worth 80 points. Therefore, there is a total of 300 points available for this course. Your current course average is always available in the Canvas system.

<table>
<thead>
<tr>
<th>Total Points</th>
<th>Average</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>269 - 300</td>
<td>89.5% - 100%</td>
<td>A</td>
</tr>
<tr>
<td>239 - 268</td>
<td>79.5% - 89.49%</td>
<td>B</td>
</tr>
<tr>
<td>209 - 238</td>
<td>69.5% - 79.49%</td>
<td>C</td>
</tr>
<tr>
<td>179 - 208</td>
<td>59.5% - 69.49%</td>
<td>D</td>
</tr>
<tr>
<td>Below 179</td>
<td>Below 59.5%</td>
<td>F</td>
</tr>
</tbody>
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**Miscellaneous**

- **Course Withdraw**: CSN Policy prohibits an instructor from issuing a “W” grade. If you wish to withdraw from the course, it is the student’s responsibility to officially withdraw by the appropriate date.
- **Calculators**: Calculators are allowed for this course. Students will most likely need a scientific calculator to complete this course. However, cell phones, tablets, or laptops are not allowed to be used as calculators during the Final Exam.
- **Extra Credit**: Absolutely no extra credit work will be offered in this course. Please do not ask.
- **Academic Dishonesty**: Cheating of any kind will not be tolerated. Any incident of academic dishonesty will result in a failing grade for the course, and you will be reported to the College.
- **Student’s Rights**: Please refer to [http://www.csn.edu/pages/660.asp](http://www.csn.edu/pages/660.asp) which outlines the rights and responsibilities of CSN students.
- **Disabilities**: 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. The phone numbers for each DRC office are: West Charleston 651-5644, Cheyenne 651-4045, and Henderson 651-3795.
Free math tutoring is available at any of the CSN Math Resource Centers.

<table>
<thead>
<tr>
<th>CHARLESTON CAMPUS</th>
<th>CHEYENNE CAMPUS</th>
<th>HENDERSON CAMPUS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6375 West Charleston Blvd.</td>
<td>3200 East Cheyenne Ave.</td>
<td>700 College Drive</td>
</tr>
<tr>
<td>Bldg K – Room 406</td>
<td>Room 2651</td>
<td>Bldg C – Room 119</td>
</tr>
<tr>
<td>Las Vegas, Nevada 89146</td>
<td>N. Las Vegas, Nevada 89031</td>
<td>Henderson, Nevada 89015</td>
</tr>
</tbody>
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**Changes**

Course requirements are subject to change at the discretion of the instructor. The instructor will communicate any changes to the class.