Instructor: David Hervey  
Office: West Charleston Campus: Building I Office 309 - R  
Phone: (702) 651-7679  
E-mail: david.hervey@csn.edu  
Webpage: http://sites.csn.edu/dhervey/  

Course Description and Objectives  
Concepts that will allow the student to become proficient in the mathematics used in technical fields are the focal points of this course. Topics include fundamental operations with signed numbers; measurement systems; exponents; order of operations; scientific notation; algebraic expressions; linear equations and inequalities; an introduction to graphing; simple geometric figures; logarithms; and fundamentals of trigonometry. Math 091 is strongly recommended as a prerequisite course.  
- Perform basic operations with signed numbers.  
- Simplify expressions using the order of operations.  
- Manipulate numbers in scientific notation.  
- Become familiar with the U.S. Customary & Metric Systems of measurement.  
- Simplify algebraic expressions.  
- Solve linear equations and inequalities.  
- Manipulate literal equations and formulas.  
- Solve application problems.  
- Graph linear equations in two variables on a coordinate axis.  
- Calculate the slope of a line given two points.  
- Compute perimeters (circumference of a circle), areas & volumes of simple geometric figures.  
- Evaluate exponential functions.  
- Evaluate logarithms using a calculator.  
- Explore triangles and the fundamentals of trigonometry.  

Online Setup  
This course uses the online program MyMathLab. In order to access MyMathLab, you must register online at http://www.coursecompass.com/. You will need the following three items in order to register for this course:  
1. Course ID: hervey29766  
2. MyMathLab Access Code: Purchased at the CSN bookstore, or online, or with a new textbook (See Course Textbook section for details)  
3. Valid Email: Your preferred email address
Technology Problems

If you have any computer related problems, you can contact MyMathLab Product Support at http://www.mymathlab.com/contactus.html for help or for phone support call 1-800-677-6337.

Course Textbook


You are not required to purchase a textbook for this course. The textbook is available online. However, you will need to purchase an access code for MyMathLab (Pearson). In the CSN bookstores, the MyMathLab access codes are in small packets that are usually stocked behind the counter. You can also purchase the access code through the Pearson Website (http://www.coursecompass.com/). Finally, you could buy a new textbook with the access code packaged with it (most expensive option). Please note that only new books contain an access code. The access code is located in new books inside the MyMathLab packet.

Course Homework

The homework assignment for each section must be completed with a score of 80% or better before you are allowed to begin the homework assignment for the next section. Completing the homework is the best way to understand and learn the material. However, the homework scores will not count in your final grade. The homework is designed to prepare you for the exams. You may go back and work on any homework assignment that you have already completed as a review for the exams.

Course Exams

There will be seven (7) chapter exams and one (1) final exam. Do not begin an exam unless you are sure you are ready. You cannot access any other webpage or application while taking your exam. If you do, you will not be allowed to finish the exam. Also remember, you must finish all the homework leading up to an exam with at least 80% accuracy before you are allowed to take the exam.

A Thought About Online Courses Before Starting the Course

In order to be successful in an online course, you must set a realistic schedule and stick to it. Online course work offers flexibility, but also the danger of letting time slip away. Most students
successfully complete their courses, but some never reach that goal. Your outcome depends on your work habits and self-motivation. My advice is to start right away.

---

### Getting Started and Due Dates

Once you have registered online at [http://www.coursecompass.com/](http://www.coursecompass.com/), it is time to start the course. Since homework assignments are not counted in your final grade, a good place to start is to try the first homework assignment. You can redo the homework assignments as many times as needed until you get the required score to move on to the next assignment. In addition, you should always read the corresponding section in the textbook (provided in MyMathLab). Once you have completed all the homework assignments for a chapter, you then take the chapter exam. **Of course, you get only one try and your score counts on all exams.**

This course is set up for students to work at their own pace. All homework assignments and exams must be completed by July 13th, 2011. This is the only “due date” for the course. There are 39 total homework assignments and exams (including the final) that need to be completed to finish the course. You will need to keep a decent pace in order to finish the course on time. This type of set up allows you a lot of freedom, but it also puts a lot of pressure on you to keep working on the assignments and finish the course on time.

### Keeping Pace to Finish the Course on Time

**It is the student’s responsibility to complete all required activities by July 13th, 2011.** In order to finish the course on time, you will have to keep a decent pace throughout the semester. I highly recommend that you complete at least 8 activities (homework assignments / exams) each week. This will enable you to finish the course without rushing or running out of time at the end of the semester. Of course, you can always finish the course early. If you fall behind or wait until the end of the semester to work on the course, there is a good possibility that you will not finish on time. Below is a suggested schedule.

<table>
<thead>
<tr>
<th>On this date:</th>
<th>You should be working on:</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 10</td>
<td>HW #6 (Section 1.6)</td>
</tr>
<tr>
<td>June 17</td>
<td>HW #12 (Section 4.2)</td>
</tr>
<tr>
<td>June 24</td>
<td>HW #19 (Section 6.1)</td>
</tr>
<tr>
<td>July 1</td>
<td>HW #25 (Section 13.1)</td>
</tr>
<tr>
<td>July 8</td>
<td>Exam #7 (Chapter 13)</td>
</tr>
<tr>
<td>July 13</td>
<td>Finished</td>
</tr>
</tbody>
</table>

### Course Average Calculation

All the exams, including the final exam, are weighted the same. So to compute your course average, just calculate the average of all your exams including the final exam.

\[
\text{Course Ave.} = \frac{(\text{Exam 1} + \text{Exam 2} + \text{Exam 3} + \text{Exam 4} + \text{Exam 5} + \text{Exam 6} + \text{Exam 7} + \text{Final Exam})}{8}
\]
The following scale will be used to determine your final grade for the course.

<table>
<thead>
<tr>
<th>Score Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 – 100</td>
<td>A</td>
</tr>
<tr>
<td>80 – 89</td>
<td>B</td>
</tr>
<tr>
<td>70 – 79</td>
<td>C</td>
</tr>
<tr>
<td>60 – 69</td>
<td>D</td>
</tr>
<tr>
<td>0 – 59</td>
<td>F</td>
</tr>
</tbody>
</table>

Student Responsibilities

- **Course Withdraw**: It is the student’s responsibility to withdraw from the course before the appropriate deadline. The instructor will not withdraw students.
- **Calculators**: You will need a calculator (with trigonometric functions) to complete this course.
- **Academic Dishonesty**: Academic dishonesty will not be tolerated. Any incident of academic dishonesty could result in failing the course.
- **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.

CSN Tutoring Services

<table>
<thead>
<tr>
<th>CHARLESTON TUTORIAL SERVICES</th>
<th>CHEYENNE TUTORIAL SERVICES</th>
<th>HENDERSON TUTORIAL SERVICES</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 D – Room 203</td>
<td>Room 2100 (Library)</td>
<td>Bldg. C – Computer Lab</td>
</tr>
<tr>
<td>Las Vegas, Nevada 89146</td>
<td>N. Las Vegas, Nevada 89031</td>
<td>Las Vegas, Nevada 89015</td>
</tr>
<tr>
<td>Phone: (702) 651-5732</td>
<td>Phone: (702) 651-4232</td>
<td>Phone: (702) 651-3125</td>
</tr>
</tbody>
</table>

Course Evaluation

After you have completed the course, you may choose to complete an online course evaluation. This evaluation is strictly voluntary, and will not affect your grade for the course. If you wish to evaluate the course, click on the course evaluation link.

Changes

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