College of Southern Nevada
Distance Education: Math 096 – Intermediate Algebra
Fast Track: April 1, 2013 – May 17, 2013
Syllabus – Spring 2013

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/
Office Hours: Monday & Wednesday 9:00 – 11:00 am

Course Description & Outcomes

Topics include rational expressions and equations, linear equations and inequalities, radicals, quadratic equations, graphs, and applications. Prerequisite: MATH 095 with a grade of C or better; or a satisfactory ACT/SAT/Placement Test score.

Course Outcomes:
- Work with functions and function notation.
- Graph functions.
- Solve systems of linear equations.
- Work with rational expressions and solve rational expression equations.
- Perform arithmetic on irrational numbers.
- Solve non-linear equations.
- Apply and extend all concepts.

MyMathLabPlus Required / No Textbook Required

You are not required to purchase a textbook for this course. The textbook is available online. However, you will need to purchase a student access code card for MyMathLabPlus (Pearson) from the CSN bookstore.

MyLabsPlus Online Registration

Students can access the course starting on April 1, 2013. The course will have open access for the first week of the semester. The open access is designed to give students time to purchase the
MyMathLabPlus student access code card from the CSN bookstore. After the first week, you will be asked to enter your Pin access code when you log into the program.

**Login Steps:**

2. Enter your login name (your NSHE ID number) and password (last four digits of your Social Security Number) and then click the Login button.
3. Click on the name of your course in the course list.
4. After the first week, you will be prompted to enter your PIN access code. Enter your PIN code in the field and then click the button titled “Access Course”.
5. Click on an assignment or learning aid link within the course. You will first be prompted with the License Agreement and Privacy Policy page. Click **I Accept** once you have read the terms of use.

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**Technology Problems**

If you have any computer related problems, you can contact Pearson’s MyLabsPlus Product Support at 1-888-883-1299.

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**Course Outline**

This course will cover the following sections from *Beginning and Intermediate Algebra; 5th Edition; Lial, Hornsby, and McGinnis*.

Ch 5 - Review of Factoring  
Ch 6 - Sections 6.1 – 6.7  
Ch 7 - Sections 7.1 – 7.4  
Ch 8 - Sections 8.1, 8.2, 8.3, & 8.5  
Ch 10 - Sections 10.1 – 10.7  
Ch 11 - Sections 11.1 – 11.3, & 11.5

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**Course Homework**

The homework assignment for each section must be completed with a score of 80% or better before you are allowed to move on to the next section. You can redo any homework problem multiple times to achieve the required score.

**How do I redo a homework problem?** Go back to the problem that you missed. Click on the “Similar Exercise” button at the bottom of the problem box. You will now be able to work on a similar problem to the one that you missed. If you answer the problem correctly, your score will improve. If you miss it, click the “Similar Exercise” button again for another problem.

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.

**Chapter Exams / Final Exam**

There will be five (5) Chapter Exams and one (1) Final Exam for this course. 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 continue the exam. Of course, you get only one try and your score counts for all exams.

**Please Note:** The Sample Tests and Quizzes in MyLabsPlus are not part of the course, and are not required.

**Getting Started**

Once you have registered online, it is time to start the course. The first assignment is a quick review of factoring from Math 095 (Chapter 5). So to get to the first assignment, click on the “Homework” button and then click on HW #1 – Factoring Review. Now, complete the assigned problems for this section. Remember, you can redo any homework assignment as many times as needed until you get the required score to move on to the next section. **Also, if you cannot do a problem and get stuck, try clicking on the “Help Me Solve This” button for immediate help.**

Once you are done with the short review assignment, it is time to start the actual course. Before you start on the next assignment, you might want to do the following.

1) Read the corresponding chapter notes (provided in MyLabsPlus)
2) Read the corresponding section in the textbook (provided in MyLabsPlus)
3) Watch the corresponding video lecture (provided in MyLabsPlus)

I highly recommend that you at least review the notes for each chapter before trying the homework problems. Once you have completed all the homework assignments for a chapter, you will then take the Chapter Exam. Of course, you get only one try and your score counts for all exams.

**Due Dates / Course Schedule**

**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, and no make-up work of any kind will be offered.
<table>
<thead>
<tr>
<th>Dates Available</th>
<th>Assignments</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apr 1 - Apr 12</td>
<td>Homework # 1 - 7</td>
<td>Apr 12 @ 8:00 pm</td>
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<tr>
<td></td>
<td>Exam #1</td>
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<tr>
<td>Apr 13 - Apr 19</td>
<td>Homework # 8 - 11</td>
<td>Apr 19 @ 8:00 pm</td>
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<td>Exam #2</td>
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<tr>
<td>Apr 20 - Apr 26</td>
<td>Homework # 12 - 15</td>
<td>Apr 26 @ 8:00 pm</td>
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<td></td>
<td>Exam #3</td>
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<tr>
<td>Apr 27 - May 3</td>
<td>Homework # 16 - 22</td>
<td>May 3 @ 8:00 pm</td>
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<td>Exam #4</td>
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<tr>
<td>May 4 - May 10</td>
<td>Homework # 23 - 25</td>
<td>May 10 @ 8:00 pm</td>
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<td></td>
<td>Exam #5</td>
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<tr>
<td>May 12 - May 14</td>
<td>Final Exam</td>
<td>May 14 @ 8:00 pm</td>
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### 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. Your current course average is always available online in the MyLabsPlus system.

\[
\text{Course Ave.} = \frac{(\text{Exam 1} + \text{Exam 2} + \text{Exam 3} + \text{Exam 4} + \text{Exam 5} + \text{Final Exam})}{6}
\]

### Grade Scale

The following scale will be used to determine your final grade for the course.

<table>
<thead>
<tr>
<th>90 – 100</th>
<th>A</th>
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<tbody>
<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>
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### 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 are allowed to use a calculator for 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>
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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.