MTH 1314.501 – College Algebra – Online – Summer I 2023

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Class meeting time and place: Online course (www.mymathlab.com), May 33 – Jun 30

Office Hours: Office hours are held through Zoom by appointment.

Course description:  
Topics include mathematical models; solving equations; creating, interpreting and graphing functions. Particular focus is given to polynomial, exponential and logarithmic functions.

Text and Materials:  
The textbook is *College Algebra*, 12th edition by Lial, Hornsby, Schneider, Daniels. Chapters 1 thru 5 of the textbook will be covered in this course.

The entirety of this course will be completed through My Math Lab at www.mymathlab.com. When you create your account, use the following course ID: dosser50533

You will need a calculator for this class. A scientific calculator with log capabilities will be sufficient. A graphing calculator may be used, but is not required. The TI-30XS Multiview is a good calculator that is fairly cheap.

Course Requirements:  
For each section of the textbook covered, you must complete a Lesson containing video instruction about the topic. Once you have mastered the lesson, you will then complete a homework assignment for each section of the textbook. To assess your knowledge of the material, there will be quizzes covering two or three sections each, three regular exams, and a comprehensive final exam.

Exams 1, 2, and 3 will be June 8, 15, and 22 respectively and will require 75 minutes each. The final exam is June 30 and will require 120 minutes.

See the Frequently Asked Questions document for more information on course setup and assignments you are expected to complete. See the Schedule of Due Dates for the exact due date of each assignment throughout the semester.

Assignments, quizzes, and exams will not be accepted late. Attempt all work well ahead of the due dates so that any mathematical and/or technical problems can be cleared up ahead of time.

Grading Policy:  
Your final grade will be determined as follows:

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Component Description</th>
<th>Grade Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>Homework Assignments [CO 1,2,3]</td>
<td>90% - 100%</td>
</tr>
<tr>
<td>15%</td>
<td>Quizzes [CO 1,2,3]</td>
<td>80% - 90%</td>
</tr>
<tr>
<td>45%</td>
<td>Exams 1, 2, and 3 (15% each) [CO 1,2,3]</td>
<td>70% - 80%</td>
</tr>
<tr>
<td>20%</td>
<td>Final Exam [CO 1,2,3]</td>
<td>60% - 70%</td>
</tr>
<tr>
<td>100%</td>
<td>Final Course Grade</td>
<td>0% - 60%</td>
</tr>
</tbody>
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Attendance Policy:
As this is an online class, attendance is considered routinely logging in and completing assignments in a timely manner. See the Schedule of Due Dates for specific due dates for the entire course. Attendance will not be formally factored into your course grade, however, incomplete assignments will naturally decrease your semester grade.

The following is an excerpt from SFA Policy 5.4:
The federal definition of a credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates:

1. Not less than one hour of classroom or direct faculty instruction and a minimum of two hours out-of-class student work each week for approximately fifteen weeks for one semester or trimester hour of credit, or 10 to 12 weeks for one quarter hour of credit, or the equivalent amount of work over a different amount of time, or;
2. At least an equivalent amount of work as outlined in item 1 above for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

To this end, all students in online courses offered by the Department of Mathematics and Statistics that wish to be successful should plan to spend a minimum of three hours for every credit hour associated with this course each week. Expected activities to be completed in the time include completing current lessons, reviewing previous lessons, reading assigned course resources, completing all assigned exercises, participating in discussions with other classmates, performing periodic assessment preparation, and completing online and face-to-face exams.

See http://www2.sfasu.edu/math/docs/syllabi/MTH138Syllabus.pdf for elements common to all sections.