I. COURSE INFORMATION

Instructor: Dr. Paula Kenney-Wallace
E-MAIL: Paula.Kenney-Wallace@tamucc.edu
Office Address: EN 314D
Phone: TBD
Office hours: TBD
Class Meetings: MWF 12 – 12:50 PM (1314.841) & MW 7 – 8:15 PM (1314.007)
Final Exam: The common final exam date for College Algebra is TBA

II. COURSE DESCRIPTION

The course continues the development of algebra from Math 0399, Intermediate Algebra. A review of properties of numbers and linear equations and inequalities is included. Topics are quadratic equations and inequalities, graphs, logarithms, and exponential, solutions of polynomial equations, systems of equations, and matrices.

III. PREREQUISITES

Math 0399, Intermediate Algebra, or placement into College Algebra.

IV. TEXT AND OTHER SUPPLIES REQUIRED

College Algebra by Lial. Hornsby, Schneider, 11th Ed. A TI-83/ TI-84 plus is required for the course. Other models may be used but will not be supported by the instructor. A student Solutions manual is available for sale in the bookstore.

V. STUDENT LEARNING OUTCOMES

The student learning outcomes are:
1) Solve linear equations (with specific unknown variables) and inequalities, recognize and create graphs of linear functions and interpret and solve linear models.
2) Solve quadratic equations (includes circles and variations) and inequalities, recognize and create graphs of quadratic functions and interpret and solve quadratic models.
3) Solve polynomial equations and inequalities, recognize and create graphs of polynomial functions and interpret and solve polynomial models.
4) Use exponential expressions and functions to model real world situations and to solve abstract exponential equations.
5) Use logarithmic expressions and functions to model real world situations and to solve abstract logarithmic equations.
6) Model with systems of equations with two variables and solve them using the method of substitution, graphing or elimination with backward substitution.
7) Apply a general understanding of the use of inverse functions (their domains and ranges) and procedures to solve real-world and abstract equations and models.

VI. INSTRUCTIONAL METHODS AND ACTIVITIES

Methods and activities for instruction include lecture by the instructor and participation by the students by doing problems in class.

VII. EVALUATION AND GRADE ASSIGNMENT

The methods of evaluation and the criteria for grade assignments are:
Attendance/Homework MANDATORY
Tests 75% (top 3 scores out of 4 tests, you may drop the lowest test score)
Final 25% (Comprehensive, calculator is allowed)
Grading Scale:
A = 90 – 100, B = 80 – 89.99
C = 70 – 79.99, D = 60 – 69.99, F = 59.9 or below

VIII. TENTATIVE COURSE SCHEDULE

<table>
<thead>
<tr>
<th>Week</th>
<th>Chapter/Section</th>
<th>Fall 2014</th>
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<tbody>
<tr>
<td>1</td>
<td>1.1 and 1.2</td>
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<tr>
<td>2</td>
<td>1.3, 1.4, and 1.5</td>
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<tr>
<td>3</td>
<td>1.6, Test 1</td>
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<tr>
<td>4</td>
<td>1.7 and 1.8</td>
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<td>5</td>
<td>2.1, 2.2, and 2.3</td>
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<tr>
<td>6</td>
<td>2.4, 2.5, Test 2</td>
<td></td>
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<tr>
<td>7</td>
<td>3.1, 3.2</td>
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<tr>
<td>8</td>
<td>3.3, 3.4</td>
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<tr>
<td>9</td>
<td>3.5, 3.6</td>
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<tr>
<td>10</td>
<td>4.1, 4.2 and 4.3</td>
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<tr>
<td>11</td>
<td>4.4, and Test 3</td>
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<tr>
<td>12</td>
<td>5.1, 5.2, and 5.3</td>
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<tr>
<td>13</td>
<td>6.1, 6.2, and 6.3</td>
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<tr>
<td>14</td>
<td>Test 4 and review for final</td>
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<tr>
<td>15</td>
<td>Final exam (DEPARTMENTAL FINAL EXAM)</td>
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IX. CLASS POLICIES

- Attendance is mandatory. Attendance will be checked each class period and each absence after 3 times (4th, 5th, and 6th) will result in one letter grade lower. Please save absences for emergencies.
- Homework will be given each class period and discussed at the beginning of next class period.
- Cell phone using and texting are prohibited in any circumstances and you will be asked to leave the classroom. If you were using cell during the test, I will treat it as cheating.
- “Cheating” is prohibited. If I catch someone cheating during any test, students may drop the class without my permission. If not, normally it is an “F” for the semester grade.
- You are the only person responsible to drop the class and responsible to stay inform for any changes for tests and room changes. All the changes will be announced in the class.
- You may email me for help any time but not the night before the scheduled test and not to postpone the test.
- I respect your request by email and I will answer it in my best convenient time.
- Makeup test will be given once per student with appropriate documentation provided. Please save the opportunity for the emergencies.
- There is no makeup final exam. It will be an “F” for the semester grade regardless if you do not take final on the scheduled final date. You must take the final exam on the official scheduled date (not a day early neither late).

Academic Integrity/Plagiarism:

University students are expected to conduct themselves in accordance with the highest standards of academic honesty. Academic misconduct for which a student is subject to penalty includes all forms of cheating, such as illicit possession of examinations or examination materials, falsification, forgery, complicity or plagiarism. (Plagiarism is the presentation of the work of another as one’s own work.) In this class, academic misconduct or complicity in an act of academic misconduct on an assignment or test will result in as defined by the following:

1. Students caught cheating on tests are subject to dismissal from the class and possibly the university.
2. Students caught using notes or other aids on tests will receive a zero for that test that would be part of their average for the course.


Dropping a Class:

I hope that you never find it necessary to drop this or any other class. However, events can sometimes occur that make dropping a course necessary or wise. Please consult with me before you decide to drop to be sure it is the best thing to do. Should dropping the course be the best course of action, you must initiate the process to drop the course by going to the Student Services Center and filling out a course drop form. Just stopping attendance and participation WILL NOT automatically r
esult in your being dropped from the class. Friday, November 7th is the last day to drop a class with an automatic grade of “W” this term.

Responsibility:

1. You are responsible for obtaining required supplies and bringing them to class.
2. You are responsible for organizing your time so that you can study at least 1 hour each day outside of class.
3. You are responsible for any assigned homework, writings or goal setting.
4. You are responsible for your actions during class and for keeping the learning environment quiet so others can complete their work.
5. You are responsible for your own learning, therefore, you should come prepared with questions you need answered. Keep up with what you need to do and set appropriate goals for yourself.
6. Work outside of class on homework. Tests must be taken in class with instructor present.

Classroom/professional behavior:

Texas A&M University-Corpus Christi, as an academic community, requires that each individual respect the needs of others to study and learn in a peaceful atmosphere. Under Article III of the Student Code of Conduct, classroom behavior that interferes with either (a) the instructor’s ability to conduct the class or (b) the ability of other students to profit from the instructional program may be considered a breach of the peace and is subject to disciplinary sanction outlined in article VII of the Student Code of Conduct. Students engaging in unacceptable behavior may be instructed to leave the classroom. This prohibition applies to all instructional forums, including classrooms, electronic classrooms, labs, discussion groups, field trips, etc.

Statement of Academic Continuity:

In the event of an unforeseen adverse event, such as a major hurricane and classes could not be held on the campus of Texas A&M University–Corpus Christi; this course would continue through the use of Blackboard and/or email. In addition, the syllabus and class activities may be modified to allow continuation of the course. Ideally, University facilities (i.e., emails, web sites, and Blackboard) will be operational within two days of the closing of the physical campus. However, students need to make certain that the course instructor has a primary and a secondary means of contacting each student.

X. Notice to Students with Disabilities

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please call or visit Disability Services at (361) 825-5816 in Corpus Christi Hall 116.
If you are a returning veteran and are experiencing cognitive and/or physical access issues in the classroom or on campus, please contact the Disability Services office for assistance at (361) 825-5816.

XI. Grade Appeal Process

As stated in University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal. A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules website at http://www.tamucc.edu/provost/university_rules/index.html, and the College of Science and Engineering Grade Appeals webpage (http://sci.tamucc.edu/students/GradeAppeal.html). For assistance and/or guidance in the grade appeal process, students may contact the chair or director of the appropriate department or school, the Office of the College of Science and Engineering Dean, or the Office of the Provost.

XII. Important Dates

<table>
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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Wednesday, August 27</td>
<td>Classes begin</td>
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<tr>
<td>Monday, September 1</td>
<td>Labor Day Holiday</td>
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<tr>
<td>Friday, November 7</td>
<td>Last day to drop a class</td>
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<tr>
<td>Thursday-Friday November 27-28</td>
<td>Thanksgiving Holidays</td>
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<td>December 4th – December 10th (see finals schedule)</td>
<td>Finals (Your finals time is the last time to finish modules)</td>
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