**Syllabus:** College Algebra (Algebra II DC)

**Course Number:** Math 1314

**Semester & Year:** Fall 2012

**Instructor Information**

 Name: Jennifer Klar
 Office: Texas High School Room 225
 Telephone: 903-794-3891 ext 2225
 E-mail: klarj@txkisd.net
 Office Hours: 8:30am – 9:00am and 3:00pm – 3:45pm daily

**Textbook Information**

*College Algebra: An Early Functions Approach, 2e; Blitzer*

**Student Learning Outcomes for the Course**

 The student will:

* Generate the equation of a line, circle, and parabola given the necessary information such as slope, points, radius, center, vertex, etc.
* Determine if a relation is a function and state its domain and range given the graph or equation.
* Evaluate function notation and perform algebraic operations and compositions with functions.
* Solve linear, quadratic, logarithmic, exponential, absolute value, radical, and miscellaneous higher order equations and generate polynomial equation given the roots.
* Solve polynomial, rational, absolute value, and linear inequalities.
* Graph linear, quadratic, absolute value, radical, polynomial, piece-wise, exponential, and logarithmic functions and selected inverses, including transformations of these graphs.
* Solve linear and non-linear systems of equations.
* Set up and solve applications involving functions and relationships.

**Student Requirements for Completion of the Course and Due Dates**

* Assessment will be based on: the quality and/or completion of in-class assignments, projects, and presentations; the quality and/or completion of assignments to be done outside of class; group work; and tests of students’ knowledge and skills. Students will be required to support their conclusions with appropriate written and/or verbal explanations.
* Chapter tests will be given following the completion of each Chapter.
* Students will have a comprehensive mid-term exam that can be used to replace one lower exam grade for any exam covered on the midterm.
* All College Algebra students must complete the departmental final exam and the exam will be allowed to count in place of one low chapter exam score *in addition* to the *25%*.

**Student Assessment (state how you are going to determine their course grade)**

**You have the following possibilities for earning grades:**

**(1)  7 Chapter Tests & Midterm Exam 65%**

**(2) Quizzes/Homework/ Participation 10%**

**(3) Final Exam 25%**

**Grading Scale**

|  |  |
| --- | --- |
| **Grade**  |  |
| **A** | 90-100 |
| **B** | 80-89 |
| **C** | 70-79 |
| **D** | 60-69 |
| **F** | 59-below |

**Class Schedule**

|  |  |
| --- | --- |
| **Month** | **Material to be covered** |
| August 27 – September 28 | Go over syllabus; Chapter 1 |
| October 2 – November 1 | Chapter 2 |
| November 5 – December 13 | Chapter 3 |
| December 20 | Midterm |
| January 7 – February 1 | Chapter 4 |
| February 5 – March 7 | Chapter 5 |
| March 18 – April 11 | Chapter 6 |
|  April 15 – May 3 | Chapter 8 |
| May 7 – May 13 | Review |
| May 15 - 17 | Final Exam |
| May 20 – June 6 | Real World Application Chp. 4, 5 & 6 |

**Attendance Policy**

Attendance, punctuality, and participation are very important.

Three (3) tardies counts as one (1) absence.

Arriving late (i.e. before the scheduled end of the period or dismissal by the instructor) or leaving class early counts as a tardy. If it is absolutely necessary for you to arrive late or leave early, please inform the instructor in advance and be careful to arrive and/or leave discreetly. Students may be dropped after 6 absences on MWF, and 4 absences on TTH in accordance with the college attendance policy.

**Make-up Policy**

 The student is responsible for getting, doing, and turning in make-up work

 any time they are or will be absent from the classroom.

 **The teacher will not remind the student!**

 Students are required to get their missed assignments on the first day they

 return to school.

 **Co/extra curricular absences** :( These are planned absences.) It is the

student’s responsibility to notify the teacher well ahead of time of the date the

 student will be out of class and to make every effort to get the assignment

 from the teacher.

 *\*If a student misses the day of the class review before the test and the student*

 *returns the day of the test, the student is expected to take the test/quiz on the*

 *day it was planned. Also if they miss on the day of the test/quiz they must*

 *make arrangements with the teacher to schedule an alternate testing time.*

 **Late Work**:Late workis defined to be work assigned when the student was

 not absent for class and was not completed by the assigned date.Being out of

 the classroom for a school-related event is not considered an absence and all

 work will be due at the beginning of the next class period unless arrangements

 are made with the individual teacher.

**Academic Integrity Statement**

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, col­lusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an “F”.

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

**Disability Act Statement:**

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact Larry Andrews at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance.

If you have an accommodation letter from their office indicating that you have a disability which requires academic accommodations, please present it to me so we can discuss the accommodations that you might need for this class. *It is best to request these changes at the beginning if not before the start of class* so there is ample time to make the accommodations..

**Financial Aid:**

**Attention!** Dropping this class may affect your funding in a negative way! You could owe money to the college and/or federal government. Please check with the Financial Aid office before making a decision.

**Statement of Acknowledgement and Agreement**

 I have read, understand, and agree to abide by the above course policies and requirements. In particular, I understand and agree to abide by the mastery requirements for the course. If I do not achieve the mastery requirements I will be dropped from the course or receive a grade of an F for the course. I am aware of and understand that the instructor reserves the right to modify the content of this course without prior notification.

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