Instructor Information

Instructor: _______________  Phone: (214) 860.2392
Office: A546  Email: _______________

Office hours: I do not have an office at the college. However, you may leave a message for me in my mailbox in room A546 or at the number listed above. If you need additional help, please see me before or after class.

Course Information

COURSE TITLE: College Algebra
COURSE NUMBER: MATH 1314
CREDIT HOURS: Three credit hours

COURSE PREREQUISITE: College level ready in Mathematics algebra-based level.

COURSE DESCRIPTION: This course is an in-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. This course is cross-listed as MATH 1414. The student may register for either MATH 1314 or MATH 1414 but may receive credit for only one of the two. (3 Lec.) Coordinating Board Academic Approval Number 2701015419

*eCampus username: MUST be in the format: e############@student.dcccd.edu
Use YOUR student ID number for the seven digits before @

*eCampus password: Use your new 12 character eConnect password
For password instructions, see https://www.dcccd.edu/services/onlineservices/pass/pages/default.aspx
eCampus help desk number for students: 1-866-374-7169 or 972-669-6402
REQUIRED SOFTWARE:

MyMathLab access code (includes access to ebook).

OPTIONAL TEXTBOOK:

**College Algebra, 5th edition by Beecher, Penna and Bittinger**
ISBN: 9780321969576

OTHER REQUIRED MATERIALS:

- Valid and monitored e-mail address, access to eCampus, access to computers.
- Instructor’s choice: ___________________________

DCCCD/State of Texas LEARNING OUTCOMES related to the book above:

<table>
<thead>
<tr>
<th>Learning Outcomes (as listed in ACGM)</th>
<th>Chapter(s) from textbook – College Algebra, 5th edition by Beecher, Penna and Bittinger</th>
</tr>
</thead>
</table>
| 1. Demonstrate and apply knowledge of properties of functions, including domain and range, operations, compositions, and inverses. | Chapter 1: Graphs, Functions, and Models  
Chapter 2: More on Functions  
Chapter 5: Exponential Functions and Logarithmic Functions                                                                 |
| 2. Recognize and apply polynomial, rational, radical, exponential and logarithmic functions and solve related equations.     | Chapter 4: Polynomial Functions and Rational Functions  
Chapter 5: Exponential Functions and Logarithmic Functions                                                                 |
| 3. Apply graphing techniques.                                                                         | Chapter 1: Graphs, Functions, and Models  
Chapter 2: More on Functions  
Chapter 3: Quadratic Functions and Equations; Inequalities  
Chapter 4: Polynomial Functions and Rational Functions                                                  |
| 4. Evaluate all roots of higher degree polynomial and rational functions.                              | Chapter 4: Polynomial Functions and Rational Functions                                                                      |
Course Activities and Evaluation Procedures:

I. **Unit Exams**: There will be 4 Unit Exams. Exams may have to be taken outside of classroom time in the Assessment Center located in the basement.

   *Instructor’s procedure: ______________________________*

II. **Online homework**: Homework and/or quizzes will be assigned regularly using MyMathLab software. You may use the temporary access code provided by the software but you must purchase the permanent code by the third week of class.

   *Instructor’s procedure: ______________________________*

III. **Final Exam**: A comprehensive departmental exam will be administered during Finals Week in the classroom. You will need a Scantron Form 882-E, pencil, and scratch paper

   *Instructor’s procedure: ______________________________*

IV. **Instructor’s Choice**: ___________________________

V. **CORE Signature Assignment**

You will work on an assignment available on your eCampus site that will count for 20 points on one of your exams (your instructor will provide you with more details). You must complete and upload a **pdf** for the Signature Assignment no later the date and time indicated by your instructor.

eConnect Progress Reports:

**eConnect Progress Report #1** is anticipated at about week five. The first eConnect progress report will be based solely on the score you made on your first exam. Progress Check #1 will be a letter grade A, B, C or F and will be issued according to your score on EXAM #1. Please know that this is just a **progress grade** check. Your final, transcripted grade is not input into eConnect until after the final exam in week #16. If your Progress Check #1 is a "C" or an "F", you should make an appointment with your instructor immediately. This individual time spent with your instructor can benefit you greatly; you should set some new goals for how you do homework and quizzes and how you study for tests.

**eConnect progress report #2** will occur about week #10 of the course. The 2nd eConnect progress report will be based on the average of your scores for EXAM #1 and EXAM #2. Progress Report #2 will be a letter grade A, B, C or F. Remember that this is ONLY a progress letter grade. It is NOT your final letter grade for the class. Your final, transcripted letter grade is not input into eConnect until after the final exam in Week #16. If your Progress Check #2 is a "C" or an "F", you should make an appointment with your instructor immediately. There will still be some time to make improvements to your work habits and help you be successful in the class.
Grading Policy:

<table>
<thead>
<tr>
<th>Grade Calculation:</th>
<th>Final grades will be recorded using the following scale:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test 1………………………15%</td>
<td>Course average =</td>
</tr>
<tr>
<td>Test 2………………………15%</td>
<td>( 0.15(\text{Test1}+\text{Test2}+\text{Test3}+\text{Test4}) + 0.20(\text{Final Exam}) + 0.20(\text{Online}) )</td>
</tr>
<tr>
<td>Test 3………………………15%</td>
<td></td>
</tr>
<tr>
<td>Test 4………………………15%</td>
<td></td>
</tr>
<tr>
<td>Final Exam..................................20%</td>
<td>A: 90-100 average</td>
</tr>
<tr>
<td>MyMathLab Online Grade................20%</td>
<td>B: 80-89 average</td>
</tr>
<tr>
<td>Instructor’s Choice ...........___</td>
<td>C: 70-79 average</td>
</tr>
<tr>
<td></td>
<td>D: 60-69 average</td>
</tr>
<tr>
<td></td>
<td>F: below 60 averages</td>
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</tbody>
</table>

Attendance Policy:  Attendance on time and for the whole class period is required.

Cell Phone Use in the classroom: Cell phone use in the classroom is not permitted. Please place your phone away and out of sight.

Withdrawning from this class:

STOP BEFORE YOU DROP: For students who enrolled in college level courses for the first time in the fall of 2007, Texas Education Code 51.907 limits the number of courses a student may drop.

* Drop date for Spring 2020 is 4/16/2020 (Thursday).

You may drop no more than 6 courses during your entire undergraduate career unless the drop qualifies as an exception. Your campus counseling/advising center will give you more information on the allowable exceptions. Remember that once you have accumulated 6 non-exempt drops, you cannot drop any other courses with a “W”. Therefore, please exercise caution when dropping courses in any Texas public institution of higher learning, including all seven of the Dallas County Community Colleges. For more information, you may access: https://www.dcccd.edu/apply-reg/reg/pages/dropwithdraw.aspx

Institutional Policies:

Institutional Policies relating to this course can be accessed from the following link

www.elcentrocollege.edu/syllabipolicies

Disclaimer:

The provisions contained in this syllabus do not constitute a contract between the student and El Centro College. These provisions may be changed at the discretion of the Coordinator/Instructor. When necessary, appropriate notice of such changes will be given to the student.