MATH 1111 Section 04 – College Algebra

Hours Credit: 3 hours

Prerequisites: None

Math Department recommends a minimum ALEKS Placement score of 46 to be successful in the class.

COURSE INSTRUCTOR
Instructor: Mr. Kyle Carter
Office: Boyd 104 - D
Email: kylec@westga.edu
Phone: 678-839-5134

OFFICE HOURS:
Boyd 104 – D: Tuesday 1:30 pm – 2:00 pm and 4:30 pm – 7:30 pm
    Thursday 1:30 pm – 2:00 pm and 3:30 pm – 7:30 pm
Boyd 205 (Math Tutoring Center): Tuesday: 3:30 pm – 4:30 pm

REQUIRED COURSE MATERIALS
TEXT AND OTHER REQUIRED COURSE MATERIALS.

TEXT: College Algebra and Trigonometry, by Julie Miller and Donna Gerken (McGraw Hill Education).
An eBook version of the text is included with your ALEKS subscription.

ALEKS: All students in MATH 1111 are required to have an ALEKS Account. Go to www.aleks.com to purchase an account. The course code for this section is MXQRU-TDLE6

CALCULATOR: A graphing calculator (TI-84 or equivalent) is recommended for this course.

Courses Description
This course is a functional approach to algebra that incorporates the use of technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and linear, quadratic, piece-wise defined, polynomial, rational, exponential and logarithmic functions. Appropriate applications will be included.

Learning Outcomes
Students should be able to demonstrate:
1. An understanding of the equations of circles and lines
2. An understanding of functions and how to graph functions
3. An understanding of operations on functions including function composition
4. An understanding of polynomial graphs, including intercepts and end-behavior
5. An understanding of how to find the zeros of a polynomial and how to factor polynomials
6. An understanding of inverse functions and how to find them graphically and algebraically
7. An understanding of the properties of exponential and logarithmic equations
8. An understanding of how to solve exponential and logarithmic equations
9. An understanding of how to solve a system of equation
COURSE ASSESSMENT

Students’ mastery of course learning outcomes will be assessed using the following methods:

**Daily Assignments:** This portion of your grade will be assessed in the form of Daily Assignments. Every class period, we will start class with a short daily assignment that will review material from the last class period. You can miss up to 5 of these before your grade is adversely affected.

**Module Completion in ALEKS:** This portion of your grade is based on your completion of modules in ALEKS. Each week, you will work through modules that help reinforce your learning of the required topics for this course. This will serve as your homework for this course, and you must complete a week’s module within that week.

**Tests:** There will be 4 in class Tests in this course. We will review for these as time permits before the testing class period. If you see that you are going to miss a test, please notify me as soon as possible (before the day of the test) so that we can set up a time to take the test before that class period. Late tests will not be offered. The dates for the Tests are:

- **Test 1:** Thursday, September 1
- **Test 2:** Tuesday, September 27
- **Test 3:** Thursday, October 27
- **Test 4:** Thursday, November 17

**Midterm:** There will be a Midterm Exam in this class on **Tuesday, October 11.** The Midterm Exam will be cumulative.

**Final Exam:** There will be a Final Exam at the end of the semester. The Final Exam will be cumulative, covering everything we learn in the course. The Final Exam in this class will Tuesday, Dec. 6, 11:00-1:00 pm

GRADE BREAKDOWN

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Daily Assignments</td>
<td>5%</td>
</tr>
<tr>
<td>ALEKS Modules</td>
<td>10%</td>
</tr>
<tr>
<td>Tests</td>
<td>50% (12.5% each)</td>
</tr>
<tr>
<td>Midterm Exam</td>
<td>10%</td>
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<tr>
<td>Final Exam</td>
<td>25%</td>
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ASSESSMENT GRADING:

Grading Scale:
90% - 100%: A
80% - 89%: B
70% - 79%: C
60% - 69%: D
<60%: F

Extra Credit:

Extra credit will be offered in this class in the following ways:

i) **Supplemental Instruction:** You may attend 50 minutes of a 1 hour session with our SI leader for 1 bonus point.

ii) **Tutoring:** You may attend 1 hour of tutoring in the Center for Academic Success for 1 bonus point.

*You must submit a CAS verification card for tutoring.

iii) **Intervention Tutoring:** Intervention tutoring will be available to a limited number of students. Those students may attend a 1 hour intervention tutoring session for 1 bonus point. You must sign up with the instructor to be eligible to attend.

You may receive a maximum of 20 bonus points during the semester to go toward an exam grade. The dates for eligibility will be August 15 – November 18.

COURSE POLICIES AND INFORMATION

University Policies and Academic Support
Please carefully review the following Common Language for all university course syllabi at the link:

http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf

It contains important material pertaining to university policies and responsibilities. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

For important policy information, i.e., the UWG Honor Code, Email, and Credit Hour policies, as well as information on Academic Support and Online Courses, please review the information found in the Common Language for Course Syllabi documentation at http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf.
**Academic Honesty**  
While some parts of this course may be completed in groups (such as the Modules), the Tests are meant to be completed alone, without the help of any other person. Any serious form of academic dishonesty will be reported to the University. Definitions of academic dishonesty are defined in the student handbook: [www.westga.edu/handbook](http://www.westga.edu/handbook)

**Disabilities Act/Accessibility for the Course**  
If you are a student whom is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please notify me and provide me with a copy of your packet from Student Services. The university will provide you with resources for any audio/visual needs that you may have with the learning management system or course content.  
Please contact UWG Accessibility Services for more information.

**Student Conduct**  
Students are expected to abide by the guidelines detailed in the university catalog. Respect and courtesy are required of all students while in the classroom/discussion board. The following is also mandatory:

1) Cell phones and laptops will not be permitted in class, unless prior arrangements have been made with the instructor. Continued use of cell phones/laptops will result in your dismissal of class.

2) Students are required to be courteous to others and the instructor. If a student is being disrespectful or disruptive, they will be asked to leave.