Syllabus

MATH 1111: College Algebra

Summer 2016

Instructor: Dr. N. S. Hoang

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Text: *Robert F. Blitzer, Precalculus, Pearson (5th Edition)*, ISBN–13: 978-0321837349.

Course 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.

Grading: Grades are based on a total of 700 pts given as follows

Total	Homework	Exam 1	Exam 2	Exam 3	Final Exam
700 pts	200 pts	100 pts	100 pts	100 pts	200 pts

Grading scale: A: 90–100%; B:80–89%; C:70–79%; D:60–69%; F:0–59%.

Required equipment: An access to Mymathlab is required for the course. A hard copy of the book is NOT required.

Course ID: hoang55063

Exams: There are three online midterm exams. Final exam is a paper exam scheduled on Thursday July 28th from 11:00 AM–1:00 PM on campus and is a comprehensive exam. Exam room is to be announced.

Homework: Homework assignments are assigned on Mymathlab website.

Common Language for Course Syllabi: Students, please carefully review the following information at the link *http://tinyurl.com/UWGSyllabusPolicies*. It contains important material pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Withdrawal Policy: The last day for an automatic W withdrawal is: June 29th. For more information about withdrawal policy, please read the information at the link

http://www.westga.edu/registrar/465.php

Make-Up Work: There are NO make-up grades for midterm and final exams. A penalty of 10% of the total points per day will be applied for late homework assignment submissions.

Learning Outcomes: The student will be able:

- An understanding of the equations of circles and lines
- An understanding of functions and how to graph functions
- An understanding of operations on functions including function composition
- An understanding of polynomial graphs, including intercepts and end-behavior
- An understanding of how to find the zeros of a polynomial and how to factor polynomials
- An understanding of inverse functions and how to find them graphically and algebraically
- An understanding of the properties of exponential and logarithmic equations
- An understanding of how to solve exponential and logarithmic equations
- An understanding of how to solve a system of equations