

Course Number: MATH 1111
Course Title: College Algebra – Thielemier – Spring 2015
Hours Credit: 3 hours
Prerequisites: None

Instructor: Ms. Carrie Thielemier; MS Mathematics

Office Hours:

Monday: 10:00 – 11:00 (Newnan) 12:30 – 1:50	Wednesday: 10:00 – 11:00 (Newnan) 12:30 – 1:50	Fri: 10:00 – 12:00 12:15 – 1:50*
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*All office hours are open, except for Fridays from 12:15 – 1:50. It is preferred that you schedule an appointment for these office hours. Appointments will be given in 5-10 minute intervals for the student depending on the reason of the visit. If no appointment is scheduled, the time will be open for non-appointments.

*To schedule an appointment for Friday office hours, 12:15PM – 1:50PM, email cthielem@westga.edu to check availability. Please indicate what times you can come in, and what you would like to accomplish during the appointment.

Email: cthielem@westga.edu

You are required to purchase for this class:

Text: *MyMathLab – Access Code*

Calculator: Scientific or Graphing*.

* Graphing calculators equivalent to the TI 83, 84, 85, and 86 is allowed. TI-89 Graphing Calculators are **not** allowed.

MYMATHLAB INFORMATION:

Course id: **thielemier89397**

Course Title: College Algebra – Thielemier – Spring 2015

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, piecewise 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 equations

Final Grade Determination:

- **4 Exams:** 50% of your overall grade
 - **Quizzes via MyMathLab:** 20% of your overall grade
 - **Final Exam:** 30% of your overall grade
- **Homework via MyMathLab (optional): 0% of your overall grade**

Exams

You will have four, 100 pt. exams for this class. Your Final Exam will replace your lowest test grade (if the final exam grade is higher than your lowest test grade).

****EXAMS CAN NOT BE TAKEN AT A LATER TIME.** Regardless of your reason for missing an exam, no student will be able to take an exam at a later time (even if it is later in the day). This is because your final exam will replace your lowest test grade. If you miss an exam, you will receive a 0% for that test and your final exam grade will replace that 0%. **The final will only replace 1 test score.** Do not miss an exam unless you are sick, emergencies, etc.

****An exam may be taken early if you will be out for a school function (proof required) or military orders (proof required).** You **must** contact the instructor a week in advance to schedule an early exam.

Quizzes

You will have quizzes for each section covered during lecture. The quizzes will be via MyMathLab. All quizzes will be due the night before a scheduled Exam (at 11:59 PM). **Late submissions will not be accepted for any reason except that MyMathLab was down. If this occurs, I will be contacted via MyMathLab ASAP, and I will adjust the time. This is very rare, and will likely not happen during the semester.**

*Do not wait until the last minute to submit a quiz. If something happens on your end (computer crashed, internet went down, etc) you will not get the opportunity to submit a quiz late.

*I will drop your 4 lowest quiz grades at the end of the semester for Final Grade calculation.

Final Exam

The final exam day/time can be found via "The Scoop" on www.westga.edu.

Homework

Homework will be assigned via MyMathLab for each section. Homework is optional and will not be a part of your final grade. It is highly recommended that you **practice** by doing homework before you attempt a quiz or take a test. Homework should be attempted multiple times so that you **retain** the information taught.

Retention of the content is one of the biggest obstacles that prevent students from passing the class.

***Do your homework.**

***Do your homework multiple times (at different times) to help you retain the information.**

Schedule

****The schedule is subject to change at any time during the semester, and likely will. You must keep up with announcements made at the beginning of class for any changes made on the schedule.**

Date Sections covered in class

M: 1/5	Cover Syllabus, Prequiz, Section P.2
W: 1/7	P.3, P.5
M: 1/12	P.5, P.6
W: 1/14	P.6, P.7
M: 1/19	No class
W: 1/21	P.7, P.9
M: 1/26	P.9
T: 1/27	Quizzes for sections P.2 – P.9 will be due at 11:59 PM
W: 1/28	TEST 1 (Will cover sections P.2 – P.9)
M: 2/2	1.2, 1.3
W: 2/4	1.3, 1.4
M: 2/9	1.4, 1.5
W: 2/11	1.6, 1.7
M: 2/16	1.7
T: 2/17	Quizzes for sections 1.2 – 1.7 will be due at 11:59 PM
W: 2/18	TEST 2 (Will cover sections 1.2 – 1.7)
M: 2/23	1.8, 1.9
W: 2/25	1.9, 2.1
M: 3/2	2.1, 2.2
W: 3/4	2.2
M: 3/9	2.3, 2.4
T: 3/10	Quizzes for sections 1.8 – 2.4 will be due at 11:59 PM
W: 3/11	TEST 3 (Will cover sections 1.8 – 2.4)
M: 3/16	NO CLASS
W: 3/18	NO CLASS
M: 3/23	3.1, 3.2
W: 3/25	3.2, 3.3
M: 3/30	3.3, 3.4
W: 4/1	3.4, 3.5
M: 4/6	3.5, 7.1
W: 4/8	7.1
T: 4/12	Quizzes for sections 3.1 – 7.1 will be due at 11:59 PM
M: 4/13	EXAM 4 (Will cover sections 3.1 – 7.1)
W: 4/15	make-up day, review day, last day of class.