

Course: MATH 1111 College Algebra, ONLINE Section N01 3 credit hours

Course Description: This course is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and, linear, quadratic and piece-wise defined, polynomial, exponential and logarithmic functions. Appropriate applications will be included. Credit for this course is not allowed if the student already has credit for a higher-numbered mathematics course.

Learning Outcomes: Students should be able to demonstrate:

1. An understanding of simplifying algebraic expressions and factoring
2. An understanding of how to solve equations in one variable
3. An understanding of the equations of circles and lines and using these to graph
4. An understanding of functions and how to graph functions
5. An understanding of operations on functions including function composition
6. An understanding of polynomial graphs, including intercepts and end-behavior
7. An understanding of how to find the zeros of polynomials and factoring polynomials
8. An understanding of inverse functions and how to find them graphically and algebraically
9. An understanding of the properties of exponential and logarithmic expressions
10. An understanding of how to solve exponential and logarithmic equations
11. An understanding of how to solve a system of linear equations

Instructor: Mr. Jim Bellon (best way to contact me is through CourseDen) or jbellon@westga.edu

Office & Hours: Mr. Bellon will be available in Boyd 205-Math tutoring Center Tues & Thurs 11am-4pm or online through CourseDen chat by appointment [you can dial in by phone also]

Course Materials: A graphing calculator is recommended (preferably one of the TI-83 or 84 models). Students are **required** to purchase web access to the **E-book**. Options are:

#1: get immediate access by paying with credit card at www.pearsonmylabandmastering.com during the registration process.

#2: buy MyMathLab-Student-Access-Kit at the bookstore

#3: find MyMathLab access code kit on Amazon.com (cheapest, but takes a few days for shipping)

****while you are waiting for access code or funds, you can still register with temporary access for 17 days.**

Once you register at the website, you need to join our course. The course ID is: **bellon40162**
The actual textbook is optional. "Precalculus" 5th edition by Blitzer, from Pearson Publishers.

Grading: There will 3 online tests (test avg counts 40%), online HW assignments (avg counts 35%), and a online cumulative Final exam (25%). Your lowest online HW assignment will be dropped. A signed copy of the syllabus and posting an introduction on CourseDen are required and count as HW grades. Final grades determined as follows:

89.3 % and higher	=	A
79.5 % to 89.2 %	=	B
69.5 % to 79.4 %	=	C
60 % to 69.4 %	=	D
Below 60 %	=	F

- Make-up policy:** There are no make-ups for online assignments. You are expected to keep up with learning the material each week, completing assignments by the due dates, and getting help when needed.
- Extra-credit policy:** There will be NO extra credit given, period! Points can be earned only as stated above.
- Due Dates:** Be aware of the due dates on the schedule on last page. The assignments are NOT always due on the same days of the week. It is your responsibility to keep up with the due dates.
- Class Rules:** It is expected that students be familiar with the Student Conduct Code, Disciplinary Procedures and Disciplinary Sanctions in the Student Handbook. Cheating and/or any other unethical conduct WILL NOT be tolerated!! Any serious violations will be reported; appropriate actions will be taken; and consequences will result. Please see the general policies for UWG at <http://tinyurl.com/UWGSyllabusPolicies>.
- Meeting with Instructor** can be beneficial and is encouraged. Meetings should occur during the instructor's office hours or online hours. As your instructor, I am very concerned about the student's achievement and well-being and encourage anyone having difficulties with the course to contact me for extra help.
- Note:** If you have a documented disability, which will make it difficult for you to carry out the course work as I have outlined and / or if you need special accommodation or assistance due to disability, please contact me as soon as possible.
- Math Tutoring:** On Campus Boyd 205 Hours are Mon/Tues/Wed/Thurs 9am-4:30pm, Friday 9am-2pm
You can just walk in and get help. There are 2-3 tutors on duty who will rotate between students. There are also textbooks and computers to use while you are in the tutoring center.
- Online HW:** The online homeworks will be open about 6-8 days prior to the due dates. You can do some problems, save, and come back anytime during the week, up until the due date. There will be several help buttons you can use to assist you. On most problems, you will have 3 tries to get the answer before it marks you wrong. You can then click on [Similar Exercise] and get a do-over problem to replace it. On HW #1 and #2, you can do this UNLIMITED until you get it right, so you can get used to the way the computer accepts the proper format of answers and any other specific issues with this system. Starting with HW #3, you will only have TWO do-overs on each problem to have chance to get it right. So make sure you allow plenty of time to learn the material and work the assignments.
- Online tests:** The online practice tests will be open for 3 days prior to the actual tests. You can take the practice Test 2 times and review it by going to the gradebook. The actual test will be open for 24 hours and must be completed all in one timed session (usually 90 minutes max). You can see your score immediately, but will not be able to review until the test window has expired. The final exam will be open for 48 hours and you will have 2 hours and 30 minutes to complete. The tests will NOT have any help buttons (except in review mode after you submit). If you have an unavoidable conflict with the test dates, contact me and it MAY be possible to reschedule.

This is the schedule of assignments and topics to be covered each week. Changes may be made as needed. It is recommended that you read over text sections BEFORE working on assignments. Get help as needed. Don't wait until its too late (like after doing bad on a test).

DUE DATE	SECTIONS TO BE READ	ASSIGNMENTS DUE
Mon June 8 th	P2 exponents, P3 radicals, P5 factoring, P6 rational exp.	Signed syllabus, introduction HW #1
Thu June 11 th	P7 solving equations, P9 inequalities and absolute value	HW #2
Mon June 15 th	Test #1 online (there will be an online practice test you can take 2 times and review)	
Mon June 22 nd	1.2-1.3 functions, 1.4-1.5 lines and slope, 1.6 transformations	HW #3
Thu June 25 th	1.7 combinations of functions, 1.8 inverse functions	HW #4
Mon June 29 th	Test #2 online (there will be an online practice test you can take 2 times and review)	
Mon July 6 th	1.9 distance/midpt/circles, 2.1 complex numbers, 2.2 quadratics	HW #5
Thu July 9 th	2.3 polynomial functions, 2.4 dividing polynomials	HW #6
Mon July 13 th	Test #3 online (there will be an online practice test you can take 2 times and review)	
Fri July 17 th	3.1 exponential functions, 3.2-3.3 logarithmic functions	HW #7
Mon July 20 th	3.4 exp-log equations, 3.5 growth/decay, 7.1 systems-equations	HW #8
Fri July 24 th	FINAL EXAM online	

Confirmation of understanding: I have read and understand this syllabus and accept and agree to abide by the course policies as stated in this document and all relevant policies of the UWG.

Printed Name: _____ Signature: _____ Date: _____

**Signed copy of syllabus is due by Monday June 9th
Please print ALL PAGES, sign it, scan ALL PAGES and upload to the dropbox in CourseDen.**