Math 1111: College Algebra
Section N01; Fall Semester 2015

Instructor: Brian Brodsky
Phone Number: 678-839-5313
Office Hours: F 12:30 – 2:30 pm
Hours Credit: 3 hours

Office: Boyd 106 C
Email: bbrodsky@westga.edu
Class Meetings: N/A
Prerequisites: None

University Policy:
Students, please carefully review the following information at this link
http://www.westga.edu/assets/Dept/vpaa/Common_Language_for_Course_Syllabi.pdf 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.

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.

Text: Precalculus, 5e, by Robert Blitzer (Pearson/Prentice Hall)

Calculators: Graphing calculators equivalent to the TI 83, 84, 85, and 86 will be allowed, but the TI-89 and other equivalent calculators will not be allowed.

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

Academic Honesty: You are expected to achieve and maintain the highest standards of academic honesty and excellence as described in the Undergraduate Catalog. In short, be responsible and do your own work.
Disabilities: Students with documented disabilities (through West Georgia’s Disability Services) will be given all reasonable accommodations. Students must take the responsibility to make their disability known and request academic adjustments or auxiliary aids. Adjustments needed in relation to test-taking must be brought to the instructor's attention well in advance of the test (at least one week prior).

Grade Composition:
- 60% From 4 exams.
- 15% From homework.
- 25% From final exam.
- Final Grade: \[ A \geq 90 > B \geq 80 > C \geq 70 > D \geq 60 > F \]

Exams: In addition to the final exam, there will be 4 exams. Please see the attached course schedule for dates of the exams. These exams will be administered through MyMathLab. Students may be able to reschedule exams if they have informed the instructor at least three days prior to the exam of their situation. Students will not be allowed to make up missed exams.

Homework: Homework will be assigned from our text. The homework will be administered through MyMathLab. Students will not be allowed to make-up or submit homework past its scheduled due date.

Final Exam: There will be no make-up Final Exam. Students needing accommodations for the final exam must notify the instructor at least one week prior to the scheduled exam date. The final exam will be administered in-person on Saturday, December 5, from 3pm – 5:30 pm (location to be announced).

CourseDen: Course materials will be posted on CourseDen. Please check CourseDen often for updates. You may log in to CourseDen at www.westga.edu or http://webct.westga.edu. If you are having problems logging into CourseDen, please go to http://uwgonline.westga.edu/students.php or call 678-839-6248.

MyMathLab: Access to the online learning environment MyMathLab is absolutely crucial to your success in this course. Please see the “MyMathLab Registration Info” file on CourseDen for information concerning accessing this environment.

Important Dates
- September 16: Exam 1
- October 07: Exam 2
- November 04: Exam 3
- November 30: Exam 4
- December 05, Final Exam: 3 pm – 5:30 pm
Math 1111: College Algebra  
Sec # N01  
Course Schedule

| Week 1: Aug. 24 – Aug. 30 | Introduction, Sections P.2 and P.3 |
| Week 2: Aug. 31 – Sep. 6 | Sections P.5 and P.6 |
| Week 3: Sep. 7 – Sep. 13 | Section P.7 |
| Week 4: Sep. 14 – Sep. 20 | Section P.9, and Exam 1 |
| Week 5: Sep. 21 – Sep. 27 | Sections 1.2, 1.3, and 1.4 |
| Week 6: Sep. 28 – Oct. 4 | Sections 1.5, 1.6, and 1.7 |
| Week 7: Oct. 5 – Oct. 11 | Sections 1.8 and 1.9 |
| Week 8: Oct. 12 – Oct 18 | Exam 2, Sections 2.1 and 2.2 |
| Week 9: Oct. 19 – Oct 25 | Sections 2.3, 2.4, and 3.1 |
| Week 10: Oct. 26 – Nov. 1 | Sections 3.2 and 3.3 |
| Week 11: Nov. 2 – Nov. 8 | Exam 3 and Section 3.4 |
| Week 12: Nov. 9 – Nov. 15 | Sections 3.4 and 3.5 |
| Week 13: Nov. 16 – Nov. 22 | Section 7.1 |
| Week 14: Nov. 23 – Nov. 29 | Thanksgiving Break |
| Week 15: November 30 – Dec. 6 | Exam 4 |

The instructor reserves the right to make changes to this course schedule. It is the student’s responsibility to make note of these changes as announced in class or to be aware of these changes as they are posted on the instructor’s web page.