Math 1111: College Algebra
Section 91; Fall Semester 2015

Instructor: Brian Brodsky
Phone Number: 678-839-5313
Office Hours: MW: 10:30 – 12:20 pm
Hours Credit: 3 hours

Office: Boyd 106 C
Email: bbrodsky@westga.edu
Class Meetings: MW: 9 am - 10:20 am
Prerequisites: None

University Policy:
Students, please carefully review the following information at this link
http://www.westga.edu/assetsDept/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.

Classroom Conduct: Students are expected to be respectful and mindful of each other.
Students disturbing or interfering with instruction will be asked to leave.
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 in-class exams.
• 15% From in-class quizzes and assignments.
• 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 in-class exams. Please see the attached course schedule for dates of the exams. Students may be able to reschedule exams if they have informed the instructor at least one class meeting prior to the exam of their situation. Students will not be allowed to make up missed exams.

In-Class Quizzes and Assignments: In-class quizzes and assignments will be given on an almost daily basis. Students must attend class the day of the quiz to participate in the activity. Students will not be allowed to make up missed in-class quizzes.

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.

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

Important Dates
• September 7, Labor Day. No classes
• September 16: Exam 1
• October 07: Exam 2
• November 04: Exam 3
• November 23 – 27: Thanksgiving Break: No classes
• November 30: Exam 4
• December 07, Final Exam: 8 am – 10:30 am
Math 1111: College Algebra  
Sec # 91  
Course Schedule

<table>
<thead>
<tr>
<th>Week</th>
<th>Dates</th>
<th>Topics</th>
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<tbody>
<tr>
<td>1</td>
<td>Aug. 24 – Aug. 30</td>
<td>Introduction, Sections P.2 and P.3</td>
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<tr>
<td>2</td>
<td>Aug. 31 – Sep. 6</td>
<td>Sections P.5 and P.6</td>
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<td>3</td>
<td>Sep. 7 – Sep. 13</td>
<td>Section P.7</td>
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<td>4</td>
<td>Sep. 14 – Sep. 20</td>
<td>Section P.9, Review for Exam 1, and Exam 1</td>
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<td>5</td>
<td>Sep. 21 – Sep. 27</td>
<td>Sections 1.2, 1.3, and 1.4</td>
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<td>6</td>
<td>Sep. 28 – Oct. 4</td>
<td>Sections 1.5, 1.6, and 1.7</td>
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<td>7</td>
<td>Oct. 5 – Oct. 11</td>
<td>Sections 1.8 and 1.9, Review for Exam 2</td>
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<td>8</td>
<td>Oct. 12 – Oct 18</td>
<td>Exam 2, Sections 2.1 and 2.2</td>
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<td>9</td>
<td>Oct. 19 – Oct 25</td>
<td>Sections 2.3, 2.4, and 3.1</td>
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<td>10</td>
<td>Oct. 26 – Nov. 1</td>
<td>Sections 3.2 and 3.3</td>
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<td>11</td>
<td>Nov. 2 – Nov. 8</td>
<td>Review for Exam 3, Exam 3, Section 3.4</td>
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<td>12</td>
<td>Nov. 9 – Nov. 15</td>
<td>Sections 3.4 and 3.5</td>
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<td>13</td>
<td>Nov. 15 – Nov. 22</td>
<td>Section 7.1, Review for Exam 4</td>
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<td>14</td>
<td>Nov. 23 – Nov. 29</td>
<td>Thanksgiving Break</td>
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<tr>
<td>15</td>
<td>November 30 – Dec. 6</td>
<td>Exam 4, Review for Final Exam</td>
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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.