MATH 1111L – Support for College Algebra

Hours Credit: 1 hour
Co-requisite: MATH 1111

COURSE INSTRUCTOR
Instructor: Dr. Elham Sohrabi
Office: Library 311
Email: esohrabi@westga.edu
Phone: TBA
Class time & place: 2:25pm-3:15pm, Boyd 305
OFFICE HOURS: Tuesdays 10:00am-1:00pm in my office, 1:00pm-2:00pm in MLC (Boyd 205) or by appointment

REQUIRED COURSE MATERIALS
TEXT: College Algebra and Trigonometry, Abramson, Openstax. Student can download for free at https://openstax.org/details/books/algebra-and-trigonometry. Students should go to “Download a PDF” and download the High Resolution version. This is the same text you will need for MATH 1111.

CALCULATOR: Graphing calculators equivalent to the TI 83, 84, 85, and 86 will be allowed on the exam, as will scientific calculators. The TI-89 and other equivalent calculators will not be allowed.

Courses Description
Description: This Support course is intended to provide corequisite support for students requiring assistance in mathematics while they are enrolled in MATH 1111 – College Algebra. Topics will parallel topics being studied in MATH 1111 as well as the essential quantitative skills needed to be successful in MATH 1111. Taken with MATH 1111, this course provides an in-depth study of the properties of algebraic, exponential and logarithmic functions as needed for calculus. Emphasis is on using algebraic and graphical techniques for solving problems involving linear, quadratic, piece-wise defined, rational, polynomial, exponential and logarithmic functions.

Learning Outcomes
Students should be able to demonstrate:
1. Express relationships using the concept of a function and use verbal, numerical, graphical and symbolic means to analyze a function.
2. Model situations from a variety of settings by using polynomial, exponential and logarithmic functions.
3. Manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical and symbolic form while solving a variety of problems which involve polynomial, exponential or logarithmic functions.
4. Apply a variety of problem-solving strategies, including verbal, algebraic, numerical, and graphical techniques, to solve multiple-step problems involving polynomial, exponential, logarithmic equations and inequalities and systems of linear equations.
5. Shift among the verbal, numeric, graphical and symbolic modes in order to analyze functions.
6. Use appropriate technology in the evaluation, analysis and synthesis of information in problem-solving situations.

COURSE ASSESSMENT
1. 70% of grade is based on MATH 1111. Students will receive full credit if they earn an A, B, C in MATH 1111. Students will receive no credit for any other grade.
2. 30% of grade is based on daily assessments from MATH 1111L.
3. There is no extra credit in this course.

Grading Scale:

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<tr>
<th>Percentage</th>
<th>Grade</th>
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<tr>
<td>90% - 100%</td>
<td>A</td>
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<tr>
<td>80% - 89%</td>
<td>B</td>
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<tr>
<td>70% - 79%</td>
<td>C</td>
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<tr>
<td>&lt;70%</td>
<td>F</td>
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COURSE POLICIES AND INFORMATION

University Policies and Academic Support
Please carefully review the following Common Language for all university course syllabi at the link:

https://www.westga.edu/UWGSyllabusPolicies/

It contains important material pertaining to university policies and responsibilities. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

Academic Honesty
Any form of academic dishonesty will result in a failing grade for the assignment for the first offense (students will not be able to replace this grade). A second offense will result in a failing grade for the course. All forms of academic dishonesty will be reported.
Definitions of academic dishonesty are defined in the student handbook:
www.westga.edu/handbook/

Disabilities Act/Accessibility for the Course
If you are a student whom is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please notify me and provide me with a copy of your packet from Student Services. The university will provide you with resources for any audio/visual needs that you may have with the learning management system or course content.
Please contact UWG Accessibility Services for more information.
**Student Conduct**

Students are expected to abide by the guidelines detailed in the university catalog. Respect and courtesy are required of all students while in the classroom. The following is also mandatory:

1. Be on time to class and remain until the end of class. Do not leave in the middle of class. If you must leave class early or come late for class, please talk to me before class.
2. Cell phones and laptops will not be permitted in class, unless prior arrangements have been made with the instructor (emergencies, disabilities, etc). Continued use of cell phones/laptops will result in your dismissal of class.
3. Students are required to be courteous to others and the instructor. If a student is being disrespectful or disruptive, they will be asked to leave.

**IMPORTANT NOTE**

I reserve the right to modify this syllabus at any time during the course of the term. If such a modification is substantial, I will reissue a revised syllabus and announce the change in class.

**IMPORTANT DATES:**

- **First Day of Class:** Wednesday, August 15
- **Drop Ends:** Friday, August 17
- **Last Day to Withdrawal with W:** Monday, October 8
- **Last Day of Class:** Friday, December 7
- **Final Exam Period:** December 8-14 (see The Scoop for specific times)
- **No classes:**
  - Monday, September 3 (Labor Day)
  - Thursday October 4 and Friday October 5 (Fall Break)
  - Monday November 19- Friday November 23 (Thanksgiving)