Division of Academic Enhancement
UNIVERSITY OF GEORGIA

UNIV 1110: Introduction to Pre-Calculus
Fall 2022 Section 39667

Course Instructor Information
Instructor: John Riggott
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Phone: 706-870-3868
Office Hours: 251 Milledge Hall

Course Meeting Information
Meetings: MWF 11:30-12:20
Location: MLC 274

You may email me questions or use my number to call or text me questions at any time (please no calls after 11pm) or you can join me for office hours during the following times:

Tuesday's	9-11am (Milledge Hall) and 10pm-12am (on zoom)
Thursday's	9-11am (Milledge Hall) and 10pm-12am (on zoom)

UNIV Courses are offered by the Division of Academic Enhancement, a unit of the Office of Instruction at the University of Georgia.

The Division of Academic Enhancement empowers all students to **Learn *Differently*** through innovative courses, programs, services, and student-centered initiatives. The DAE supports students as they transition into higher education and sustains their progress through the University's unique academic environment.

Course Description
During this course, students will participate in a review of algebra, problem-solving techniques, graphing functions, and (time permitting) a review of basic trigonometry to prepare them for precalculus.

Learning Objectives
Upon successful completion of this course, students will be able to:
1. Solve different types of equations including linear, quadratic, radical, and rational.
2. Identify, evaluate, perform operations on, and find the domain, range, and inverse of functions.
3. Draw common graphs along with transformations and reflections.
4. Create, graph, evaluate, interpret, and solve real world applications involving linear, quadratic, exponential and logarithmic functions.
5. Define and evaluate the six trigonometric functions (time permitting)
6. Sketch the graph of sine and cosine functions (time permitting)

Course Materials
Access to the online homework system through Aleks. Please go to Aleks.com and click on new student sign up now, your class code is **WGCN4-DG3GA.** Also if you would like to use the free two week trial period before paying for access to the homework please use the following code: **30636-40DF8-1D033-6E888**

The required calculator for Math 1113 is the TI-30XS Multiview. You may use a TI-83 or TI-84 for my course but be aware that when you take Math 1113 you will only be able to use the TI-30XS Multiview so it may benefit you to stick to that calculator for this course as well.

*** Drop back students who already have ALEKS access will need to switch from their previous class to this class using the course code listed above. All of their learning path progress from their previous class will transfer into this course.

Assignments and Projects
Students will be evaluated in the following areas:

Homework:
Homework will be assigned through Aleks and will count for 40% of your overall grade.

There will be a homework assignment posted on ALEKS each class or so as topics are covered. These assignments can be found in the ALEKS menu (upper left on the home screen) under "Assignments".

You are expected to make a good faith effort to complete the homework assignment before the next class. That way, if you have any questions about the problems, we can talk about them at the beginning of class before the homework is due.

Attempting the homework problems after we cover the material in class is an essential part of your learning. Mathematics can only be learned by doing it. Therefore, I do not provide extensions on homework assignments unless there are mitigating circumstances to justify it.

Drop back students will be excused from homework assignments related to tests that were given prior to their entry into the course. They will be responsible for all homework assignments related to the next test coming up and will be given an appropriate amount of time to complete them.

Tests:
You will have three or four in class tests. Your test average will count for 40% of your overall grade.

Final Exam:
Your final exam which will be discussed later in the course will count for 20% of your overall grade.

Grading/Evaluation
90-100 = A, 87-89=B+, 80-86=B, 77-79=C+, 70-76=C, 60-69=D, 0-59=F.

Course Policies
Please be considerate of the students around you and do not use your technology for anything non course related during class time. Checking text messages or email or working on other assignments during class is very distractive to your fellow classmates.

Grade Appeal Process
University of Georgia students have the right to appeal academic decisions. The burden of proof for an appeal rests with the student. The policies governing the process of appealing grades are covered in the Academic Affairs Policy Manual, General Academic Policy: Student Appeals (Section 4.05-01). All grade appeals must be initiated in writing to the instructor within one calendar year from the end of the term in which the grade was recorded. The process for appealing a grade in a UNIV course can be found at: https://dae.uga.edu/courses/appeal-process/.

Participation Policy
Since this is a math class that will build upon itself on a daily basis you are strongly encouraged to attend all meetings. If you have to miss a class of test please let me know as soon as possible so that I can get you any missed handouts or arrange for a make up test time.

In the event that the university cancels classes, such as for severe weather, students are expected to continue with readings as originally scheduled. Any assignments scheduled during those missed classes, such as a project or paper, are due at the next class meeting unless other instructions are posted at the course website or communicated via email.

Disability Statement
If you anticipate issues related to the format or requirements of this course, please meet with me. I would like us to discuss ways to ensure your full participation in the course. If you determine that formal, disability-related accommodations are necessary, it is very important that you be registered with the Disability Resource Center (Voice: 706-542-8719 or TTY: 706-542-8778) and notify me of your eligibility for reasonable accommodations. We can then plan how best to coordinate your accommodations.

Academic Honesty Policy
As a University of Georgia student, you have agreed to abide by the University's academic honesty policy, "A Culture of Honesty," and the Student Honor Code. All academic work must meet the standards described in "A Culture of Honesty" found at www.uga.edu/ovpi. Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

Diversity and Inclusion Statement
In this classroom, you will be treated with respect, and I welcome individuals of all ages, backgrounds, beliefs, ethnicities, genders, gender identities, gender expressions, national origins, religious affiliations, sexual orientations, ability – and other visible and nonvisible differences. All members of this class are expected to contribute to a respectful, welcoming and inclusive environment for every other member of the class.

Other Division Resources
From peer tutoring through the Academic Resource Center to Academic Coaching to Student Success Workshops and more, the Division is committed to the success of all students at the University of Georgia. For more on these and other resources, visit https://dae.uga.edu.

Mental Health and Wellness Resources:

- *If you or someone you know needs assistance, you are encouraged to contact Student Care and Outreach in the Division of Student Affairs at 706-542-7774 or visit https://sco.uga.edu. They will help you navigate any difficult circumstances you may be facing by connecting you with the appropriate resources or services.*
- *UGA has several resources for a student seeking mental health services (https://www.uhs.uga.edu/bewelluga/bewelluga) or crisis support (https://www.uhs.uga.edu/info/emergencies).*
- *If you need help managing stress anxiety, relationships, etc., please visit BeWellUGA (https://www.uhs.uga.edu/bewelluga/bewelluga) for a list of FREE workshops, classes, mentoring, and health coaching led by licensed clinicians and health educators in the University Health Center.*
- *Additional resources can be accessed through the UGA App.*

Course Outline:

The schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better student learning.

Week		General Topic	Objective
1	Aug 17th- 19th	Solving equations and Introduction to problem solving	1
2	Aug 22nd- 26th	Review/ test 1	
3	Aug 29th – Sep 2nd	Introduction to functions and Properties of functions	2
4	Sep 5th- 9th	Graphing functions with transformations (**No class on the 5th**)	3
5	Sep 12th – 16th	Real world applications of functions	4
6	Sep 19th – 23rd	Review/ test 2	
7	Sep 26th – 30th	Linear functions	4
8	Oct 3 – 7th	Quadratic functions	4
9	Oct 10th- 14th	Spring Break No Class	
10	Oct 17 – 21st	Real world applications of linear and quadratic functions	4
11	Oct 24 – 28th	Review/ test 3 (**no class on the 28th**)	
12	Oct 31st – Nov 4th	Exponential functions	4
13	Nov 7th – 11th	Logarithmic functions	4
14	Nov 14th – 18th	Real world applications of exponential functions	4
15	Nov 21st – 25th	Review/ test 4 (**no class on 23rd – 25th**)	
16	Nov 28th – Dec 2nd	Definitions of the six trigonometric functions	5
17	Dec 5th and 6th	Graphs of Sine and Cosine, review for final	6

*** The withdrawl deadline is Oct 24th.

Note: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.