UNIV 1110 – Introduction to PreCalculus  
Spring 2019

Course Instructor Information  
Instructor: Kevin Kennedy  
Email: nomad@uga.edu  
Department Phone: 706-542-7575  
Office: Milledge 251  
Office Hours: Tuesdays and Thursdays 2 – 5 pm and by appointment

Course Meeting Information  
Meetings: MWF 10:10 – 11 AM  
Location: Journalism 501

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

The Division empowers all students to achieve success with 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. We are committed to students, committed to success.

Course Description  
This course intends to help students develop skills necessary for success in Precalculus.

Learning Objectives  
Upon successful completion of this course, students will be able to:

- Identify, evaluate, perform operations on, and find the domain, Students will be able to develop and understand transferable pre-calculus skills necessary for success in MATH 1113 and beyond
- Students will be able to identify, evaluate, perform operations on, and find the domain, range, and inverse of functions.
- Students will be able to draw common graphs along with transformations and reflections.
- Students will be able to create, graph, evaluate, interpret, and solve real world applications involving linear, quadratic, exponential, and logarithmic functions.
- Students will be able to define and evaluate the six trigonometric functions using degrees and radians.
- Students will be able to draw the graph of sine and cosine functions.
Assignments and Projects
Students will be evaluated in the following areas:

Homework
Homework is 50% of the final grade.

Homework consists of two components:
- 40% of the final grade is based on the completion of all the homework assignments in ALEKS. There is a homework assignment for each regular class day, located in the assignments section of ALEKS. There will be 20 assignments in all.

  All students are required to complete these assignments, regardless of when they join the class. Students are expected to attempt these assignments the day of the class they are covered and to finish these assignments by midnight on the day of the next class.

  Students entering class later in the semester will be given extensions on previous homework assignments but are expected to complete the current homework assignments first before tackling previous ones.

  Homework assignments are designed to not only teach students the material but provide them with an assessment of how well they understand the material. The topics in the ALEKS learning path have been chosen to provide additional coverage of topics in the homework assignment that students struggle with. Completion of the learning path topics is not part of the final grade but does count for extra credit at the end of the semester.

  It is vitally important for students to begin working on the homework assignment prior to the next class. The beginning of each class will be dedicated to answering questions from the homework assignment from the previous class. Students that do not attempt the problems before the next class often encounter difficulties with the assignments that they are not able to figure out on their own.

- 10% of the final grade is based on the test review assignments.

  There will be four test reviews over the course of the semester. For each test review students are expected to write their own practice test and turn it in for credit. Each practice test should consist of ten questions. There should be at least one question for each homework assignment.

A note on the ALEKS gradebook:

The gradebook in ALEKS is generally not accurate. Students should ask their instructor to go over their grades with them if they are concerned about them.
Tests
Tests are 30% of the final grade.
Four tests will be given over the course of the class.
Tests are pencil and paper and in class. Partial credit may be given.
For drop back students, tests from previous sections will be excused.
Drop back students are expected to take the test for the current section. Allowances may be made for drop back students coming in at the end of a section.

Final Exam
The final is 20% of the final grade.
The final exam is comprehensive.
Every student is expected to take the final.
The final exam for this class will be held on Friday, May 3rd, 8 am – 11 am.

Grading/Evaluation
Homework:  50%
Tests (4):  30%
Final Exam:  20%

Grading Scale:
94 – 100 A, 90 – 93 A-, 87 – 89 B+, 84 – 86 B, 80 – 83 B-, 77 – 79 C+, 74 – 76 C,
70 – 73 C-, 67 – 69 D+, 64 – 66 D, 60 – 63 D-, < 60 F

Final grades will be rounded. A grade of 79.5 will be rounded up to 80. A grade of 79.49 will be rounded down to 79.

Make Up Test Policy:
Students who miss a test have one week to arrange to make up their test. After a week their grade for that test will be recorded as a 0.

Test Retake Policy:
Students who have 100% on their homework assignments for the current section and on the homework assignments for the test they wish to retake are allowed one retake per semester. Otherwise, test grades are final. No test corrections or other forms of extra credit will be accepted.

Course Materials
To complete this course students will be required to have the following:

- A TI 30 XIIS or TI 30 XS scientific calculator
  Scientific calculators are allowed (and necessary). Graphing calculators are not.

- ALEKS access
  Students who do not have access to ALEKS will need to purchase it by going to www.aleks.com and following the “Sign Up Now” link.
The course code for this class is: W4WTX-VL6MF
Drop back students who already have ALEKS access will need to switch from their previous class to this class using the same course code.

**Course Policies**
Homework problems will frequently be discussed at the beginning of class. During this time laptops and other devices are allowed. Otherwise, students are expected to keep electronics put away.

**Participation Policy**
Attendance will be taken each class. If a student is unable to attend class, for each class they are unable to attend, they are expected to send their instructor an email explaining the absence to get it excused. Students can have a maximum of 2 unexcused absences. Every unexcused absence after 2 will reduce the student’s final grade by one step (A to A -, B - to C +). Students who have more than 3 excused absences due to serious illness need to contact their instructor to make accommodations.

In the event 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.

Physical presence is the bare minimum of participation. To get the most out of class, students need to be mentally present as well as physically present. Additionally, students are expected to make a good faith attempt at the homework assigned in the prior class.

**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: https://ovpi.uga.edu/academic-honesty/academic-honesty-policy. 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.

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.
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. All readings are required unless otherwise noted. Students should read/know required material by the date listed, at which time we will discuss or use the scheduled readings in class.

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<thead>
<tr>
<th>Week</th>
<th>General Topic</th>
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<td>First Day of Class</td>
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<td>2</td>
<td>Jan. 14, 16, 18</td>
<td>HW 1 and 2</td>
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<td>3</td>
<td>Jan. 23, 25</td>
<td>HW 3 and 4</td>
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<td>Jan. 28,30 Feb. 1</td>
<td>HW 5 and 6</td>
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<td>Feb. 4, 6, 8</td>
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<td>Mar. 18, 20, 22</td>
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<td>Apr. 29</td>
<td>Final Exam Review</td>
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Note: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.