Course Instructor Information
Instructor: Kevin Kennedy
Email: nomad@uga.edu
Department Phone: 706-542-7575
Office: Milledge 251
Office Hours: Monday, Wednesday and Friday 1:30-3:00 PM and by appointment as needed.

Course Meeting Information
Meetings: MWF, 3:30 PM
Location: Journalism 511

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
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. Identify, evaluate, perform operations on, and find the domain, range, and inverse of functions.
2. Draw common graphs along with transformations and reflections.
3. Create, graph, evaluate, interpret, and solve real world applications involving linear, quadratic, exponential, and logarithmic functions.
4. Define and evaluate the six trigonometric functions using degrees and radians.
5. 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. All homework is completed online through ALEKS.

Homework consists of two components:
25% of the final grade is based on the completion of all topics in the ALEKS learning path.
25% of the final grade is based on the completion of all five test reviews (including the final exam test review) in the assignments section of ALEKS.

These assignments are required of all students regardless of when they join the class. Students struggling with assignments from previous sections should see their instructor during office hours.

In addition to the required test review assignments there are extra credit assignments for each learning path objective. These are located in the assignments section of ALEKS.

A note on homework due dates:
The due dates shown on ALEKS for learning path topics and assignments will always be set for the end of the semester. These due dates do not reflect the actual due dates of these assignments. Learning path topics are always due by the end of the day of the class after the class during which they were covered.

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.
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.

Note: Assignments are not included in the grade shown in the ALEKS gradebook until
after the due date. Hence the grade in the ALEKS gradebook will not be an accurate for
the majority of the semester.

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.

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: VXCMX – GM4XX

  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. Students can have a maximum of 3 unexcused
absences. Every unexcused absence after 3 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.

<table>
<thead>
<tr>
<th>Week</th>
<th>General Topic</th>
<th>Reading Assignment/Other Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jan. 8, 10, 12</td>
<td>Functions, Domain and Range</td>
</tr>
<tr>
<td>2</td>
<td>Jan. 17, 19</td>
<td>Function Properties and Operations</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No Class MLK Day Jan. 15</td>
</tr>
<tr>
<td>3</td>
<td>Jan. 22, 24, 26</td>
<td>Transformations and Inverses</td>
</tr>
<tr>
<td>4</td>
<td>Jan. 29, 31, Feb. 2</td>
<td>Circles, Test Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test 1, Feb. 2&lt;sup&gt;nd&lt;/sup&gt;</td>
</tr>
<tr>
<td>5</td>
<td>Feb. 5, 7, 9</td>
<td>Lines</td>
</tr>
<tr>
<td>6</td>
<td>Feb. 12, 14, 16</td>
<td>Quadratics</td>
</tr>
<tr>
<td>7</td>
<td>Feb. 19, 21, 23</td>
<td>Applications, Test Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test 2, Feb. 2&lt;sup&gt;3&lt;/sup&gt;d</td>
</tr>
<tr>
<td>8</td>
<td>Feb. 26, 28; Mar. 2</td>
<td>Exponential Graphs and Applications</td>
</tr>
<tr>
<td>9</td>
<td>Mar. 5, 7, 9</td>
<td>Log Graphs and Properties</td>
</tr>
<tr>
<td></td>
<td>Mar. 12-16</td>
<td>Spring Break- no class</td>
</tr>
<tr>
<td>10</td>
<td>Mar. 19, 21, 23</td>
<td>Equations with Logs and Exponentials</td>
</tr>
<tr>
<td>11</td>
<td>Mar. 26, 28, 30</td>
<td>Test Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test 3, Mar. 30&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>12</td>
<td>Apr. 2, 4, 6</td>
<td>Angle Measure and Trig Functions</td>
</tr>
<tr>
<td>13</td>
<td>Apr. 9, 11, 13</td>
<td>Trig Graphs</td>
</tr>
<tr>
<td>14</td>
<td>Apr. 16, 18, 20</td>
<td>Test Review</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Test 4, Apr. 20&lt;sup&gt;th&lt;/sup&gt;</td>
</tr>
<tr>
<td>15</td>
<td>Apr. 23, 25</td>
<td>Final Exam Review</td>
</tr>
</tbody>
</table>

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