Instructor:  Gary Adams  
Office: None (I am adjunct faculty)  
Phone: None  
Email: gary.adams@scottsdalecc.edu  
Office Hours: None  

CLASS TIME and LOCATION:  

<table>
<thead>
<tr>
<th>Title</th>
<th>Section</th>
<th>Days</th>
<th>Time</th>
<th>Location</th>
<th>Campus</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT092</td>
<td>11144</td>
<td>Mon., Wed</td>
<td>6:00-8:40 PM</td>
<td>CM462</td>
<td>SCC Main</td>
</tr>
</tbody>
</table>

OFFICIAL COURSE COMPETENCIES:  
1. Solve linear equations.  
2. Graph linear functions given data tables or an equation.  
3. Determine and interpret the domain and range of a function given its graph.  
4. Determine and interpret the slope and intercepts of a linear equation or function.  
5. Determine and explain the relationship between the slopes of perpendicular and parallel lines.  
6. Given sufficient information or data, write a linear equation.  
7. Use function notation to represent and evaluate linear relationships.  
8. Solve linear inequalities and graph solutions on the real number line and on the coordinate plane.  
9. Solve linear systems in two variables by graphing, substitution, and elimination methods.  
10. Simplify polynomial expressions.  
11. Perform operations on polynomials (add, subtract, multiply, divide, powers).  

PREREQUISITES: Grade of "C" or better in MAT082, or MAT102, or equivalent course, or satisfactory score on District placement exam.

WORKBOOK AND TEXTBOOK: The workbook is required. Students have the option of reading the textbook online and/or printing the textbook as a reference. Please bring printed sections of the workbook to class daily (sections that are scheduled for discussion). The workbook has plenty of space to do notes and work on daily problems. The books are Open Source Documents and are free to use.

SCIENTIFIC OR GRAPHING CALCULATOR: A scientific calculator is recommended for this course. The TI-30 is recommended. If you are thinking of purchasing a graphing calculator a TI-83+ is a calculator that will be required for your next math class and can also be used in this class. You are expected to bring your calculator to each class session. Your cell phone may not be used as a calculator during class. Sharing of calculators during exams is not permitted.

OTHER REQUIRED MATERIALS: A three ring notebook, #2 Pencil with eraser (No pens please), notebook paper, and graph paper. You are expected to bring these materials with you to each class session.

COMPUTER ACCESS and EMAIL: You will need regular access to a computer in order to complete online assignments. If you don’t have a computer at home, you can use the computers on the SCC campus. You will also need a valid email address, one that you (and only you) check regularly.
GRADING:  Percent Allocation                      Grading Scale
25%  Daily in class Quizzes, attendance sign in     A  90% - 100%
25%  Online Homework and Online Quizzes            B  80% - 89.999%
20%  Midterm Exam                                    C  70% - 79.999%
30%  Final Exam                                     D  60% - 69.999%
                        E  50% - 59.999%

ATTENDANCE & DAILY QUIZZES: Attendance is required. Attendance is recorded either by sign in sheet or the daily quiz. Daily quizzes, attendance make up 25% of your grade. You are expected to be prepared, be on time, participate in group/class discussions, and stay the full length of class. Otherwise, you will be marked absent. If you have a legitimate reason to be late or leave class early, let me know before the start of class. Coming to class late or leaving class early may be counted as an absence. You are responsible for all missed quizzes, notes, concepts and assignments if you miss class. Missed quizzes may not be made up. Check with your classmates for anything you may have missed. I will not spend class time going over material you have missed due to tardiness or absence. You may be withdrawn from the course after two unexcused absences.

ONLINE HOMEWORK: Online homework makes up 25% of your grade. All online homework must be completed before work is scheduled to go offline. Please note that the homework allows 3 tries per problem. If you get a problem incorrect click on “try a similar problem” then retry. All students have the opportunity to score 100% on homework. The best way to do homework is immediately after the class meets. Monitor due dates closely. It is good advice to get all work done before due dates than waiting to the last minute as you never know when you may have schedule changes.

MIDTERM EXAM: The midterm exam makes up 20% of your grade. The best possible preparation for the midterm exam is regular attendance and completion of all online/written assignments. You are expected to take the midterm exam at the scheduled time. If an emergency arises that is beyond your control, you must contact me on or before the day of the exam to arrange for a make-up exam. Make-up exams are possible only in special circumstances, at the instructor’s discretion. Failure to adhere to this policy may result in a grade of zero for the missed midterm exam.

FINAL EXAM: The Final Exam makes up 30% of your grade, is prepared by the SCC math department and will be cumulative. There will be no exemptions and no make-ups for the Final Exam. You must take the exam as it is scheduled for your class. If you miss the final exam you missed the final exam.

WITHDRAWING FROM COURSE: SCC policy states that you may be withdrawn from the course by the instructor after two unexcused absences. Do not assume that you will receive a W if you stop coming to class. If it becomes necessary for you to withdraw from the class, you must submit proper forms at the Admissions Office. The last day to withdraw without an instructor’s signature is the end of the third week. The last day to withdraw with an instructor’s signature is one week before the last day of class. Any student who takes the Final Exam will not be granted a W for the course.

MATH/SCIENCE TUTORING CENTER: The Math/Science Center, located in CM441, is a great place to work on math assignments and get help as needed. All services are free and on a walk-in basis. You will need to know your SCC student ID number in order to sign in.
DISABILITY RESOURCES and SERVICES: College policy requires that students with documented disabilities be provided with reasonable accommodations to assist them in the learning environment. If you have a specific physical, psychiatric, or learning disability and require academic accommodations, please contact the Disability Resources & Services office, 480-423-6517. This office is located in SC-144. You will need to provide appropriate documentation of your disability.

CELL PHONES and other electronic devices are to be turned off and put away before the start of class. Use of cell phones and other electronic devices during class is considered disruptive behavior. This includes text-messaging. Any student caught using a cell phone or other electronic device during class will be marked as absent. Any student caught using a cell phone or other electronic device during a quiz/exam will receive a grade of zero on that quiz/exam. Your cell phone or video device may not be used as a calculator during class. If you have an emergency situation, let me know before class begins. No video or audio tape recorders are allowed in class.

ACADEMIC CONDUCT: The classroom is an educational learning environment where students are expected to engage in behaviors which are conducive to their own learning and the learning of their peers. To facilitate this, respect for self and others is mandatory and necessary. Should a student exhibit disruptive behavior and/or use profane language to the extent that it interferes with the learning environment, an academic consequence may be imposed. Any student found by a faculty member to have committed academic misconduct may be subject to the following academic consequences:

- Warning – A notice in writing to the student that the student has violated the academic code.
- Grade Adjustment – Lowering of a score on a test or assignment.
- Discretionary Sanctions – Additional academic assignments determined by the faculty member.
- Course Failure – Failure of a student from a course where academic misconduct occurs.

Note: I consider taking pictures of people in class without their expressed permission a violation of this agreement. The student may no longer be allowed to attend any future classes and may be immediately withdrawn from the course.

Further information can be found in the SCC Student Handbook, Academic Misconduct 2.3.11

CLASSROOM ENVIRONMENT: As an instructor, I will strive to be professional, courteous and respectful to students, and to:

- Begin and end class on time
- Be prepared for each class session
- Provide academic feedback and grade assignments in a fair, impartial and timely manner
- Be available for individual consultation (after class)
- Inform you of any adjustments to the syllabus or class schedule

As a student, you are expected to:

- Put forth your best effort and ask questions when you don’t understand
- Attend class regularly and be in class on time
- Be prepared for class sessions and participate in class activities
- Follow instructions and complete assignments on time
- Listen when others are speaking
- Be courteous and respectful to me and to your classmates
- Be responsible for the information in this document and comply with SCC policies
- Maintain knowledge of your grade status, and contact me immediately about concerns or situations that could interfere with your success in this class
## Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>MAT 092 Summer</th>
<th>Section 11144</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday May 29</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wednesday May 31</td>
<td><em>Holiday No Class</em></td>
<td>Memorial Day</td>
</tr>
<tr>
<td>Monday June 5</td>
<td>Syllabus, Unit R, student sign in</td>
<td></td>
</tr>
<tr>
<td>Wednesday June 7</td>
<td>Unit 1 and quiz on unit R</td>
<td>Syllabus, arithmetic review</td>
</tr>
<tr>
<td>Monday June 12</td>
<td>Unit 2 and quiz on unit 1</td>
<td>Introduction to variables</td>
</tr>
<tr>
<td>Wednesday June 14</td>
<td>Unit 3 and quiz on unit 2</td>
<td>Algebraic Expressions</td>
</tr>
<tr>
<td>Monday June 19</td>
<td>Unit 4 and quiz on unit 3</td>
<td></td>
</tr>
<tr>
<td>Wednesday June 21</td>
<td>Unit 5 and quiz on unit 4</td>
<td>Graphs</td>
</tr>
<tr>
<td>Monday June 26</td>
<td>Unit 6, start unit 7 &amp; quiz on unit 5</td>
<td></td>
</tr>
<tr>
<td>Wednesday June 28</td>
<td>Complete Unit 7 &amp; Midterm Exam Over Units R through 6</td>
<td>Algebraic Expressions</td>
</tr>
<tr>
<td>Monday July 3</td>
<td>Unit 8 and quiz on unit 7</td>
<td>Formulas and Functions</td>
</tr>
<tr>
<td>Wednesday July 5</td>
<td>Unit 9 and quiz on unit 8</td>
<td></td>
</tr>
<tr>
<td>Monday July 10</td>
<td>Unit 10 and quiz on unit 9</td>
<td>Introductions to Linear Functions</td>
</tr>
<tr>
<td>Wednesday July 12</td>
<td>Unit 11 and quiz on unit 10</td>
<td>The Equation of a linear Function</td>
</tr>
<tr>
<td>Monday July 17</td>
<td>Unit 12 and quiz on unit 11</td>
<td>Linear Equations and Inequalities</td>
</tr>
<tr>
<td>Wednesday July 19</td>
<td>Unit 13 and quiz on unit 12</td>
<td>Systems of Linear Equations</td>
</tr>
<tr>
<td></td>
<td>Final Exam Over Units R through 13</td>
<td></td>
</tr>
</tbody>
</table>

*This schedule may change according to the needs of the class.*

The instructor reserves the right to alter this syllabus at any time and make the changes known in class and/or online. You are responsible for these changes whether or not you attend class the day of an announcement.

1 review unit and 13 instruction units
12 quizzes 1 Midterm exam 1 final exam
14 class meetings, note: this equates to actually a 7 week schedule due to 2 holidays
Student Instructions for Creating a NEW MathAS Account and Enrolling in a MathAS Course

1. Go to the MathAS URL using your favorite web browser (Firefox or Chrome recommended):

   https://mathas.pvc.maricopa.edu

2. In the Login Screen, click “Register as a New Student”.

3. Complete the information on the New User Signup page. You will need the following information provided by your instructor.

   - Your Course ID: ________5281________
   - Your Enrollment Key: ________11144____

   Both of these numbers are unique for your class.

4. Return to the URL above and use your login and password to login and access your class. Make sure that “Force Image-Based display” is selected from the pull-down menu each time you log in.
Enrolling in a MathAS course –
For Students that *Already Have* a MathAS Account

1. Go to the MathAS URL using your favorite web browser (Firefox or Chrome recommended):

   https://mathas.pvc.maricopa.edu

2. Log in to the site using your already created username and password. Make sure that “Force Image-Based display” is selected from the pull-down menu each time you log in.

3. In the “Courses You’re Taking” area click:

   ![Enroll in a New Class](image)

4. Enter the following information provided by your instructor then click SIGN UP.

   Your Course ID: **5281**
   Your Enrollment Key: **11144**

   Both of these numbers are unique for your class.

   ![Sign Up](image)