



**MATH 1111 / College Algebra  
COURSE SYLLABUS  
Online  
Fall Semester 2016**

\*\*See Disclaimers Below Lesson Plan\*\*

<b>Semester:</b> 201712 Fall 2016	<b>Instructor:</b> Sonya Wilson
<b>Course Title:</b> College Algebra	<b>Office:</b> 1:30-5:30 MTWR
<b>Course Number:</b> MATH 1111	<b>Office Location:</b> Office 6218, Building 6, Swainsboro
<b>Credit Hours/ Minutes:</b> 3 / 2250	<b>Email Address:</b> <a href="mailto:swilson@southeasterntech.edu">swilson@southeasterntech.edu</a>
<b>Class Location:</b> GVTC/Blackboard	<b>Phone:</b> 478.289.2298
<b>Class Meets:</b> Via Internet/15 weeks or sooner	<b>Fax Number:</b> NA
<b>CRN:</b> 20043	<b>Tutoring Hours:</b> 1:30-2:30 T, or by Appointment

Mathxl will require the use of the internet often. The college computers are available for your use.  
College Email is the preferred method of contact.

**REQUIRED TEXT:** Blitzer, Robert R. (2014). College Algebra (6<sup>th</sup> edition). Boston: Pearson Education, Inc. This textbook package includes the required text, the MATHXL Access Code, and the Student Solutions Manual. (A digital copy of the text is available in Mathxl. The digital copy includes each chapter with examples and end of section exercises with no answer key.)

A Mathxl Access Code is required. The Mathxl Access Code is packaged with the text from the bookstore, or it can be purchased separately from the bookstore, or it can be purchased online at [www.mathxl.com](http://www.mathxl.com). Directions to register for Mathxl, including a Mathxl Course ID #, are included in your Blackboard Course under the **Math Work / Mathxl Section** on the course menu. Students who have a non-expired Mathxl Account, may skip registration, login as usual, and use the new Course ID # to enroll in the new course.

**REQUIRED SUPPLIES & SOFTWARE:** Supplies: 3-ring binder notebook, computer access, loose-leaf paper, pencils, notebook, highlighter, and graphing calculator (TI-83 or 84 preferred) Required Software: Mathxl. (Access Code Needed) Additional Requirements: Daily, MTWR, access to a reliable internet connection for use with Blackboard, Mathxl, mySTC, and college email.

Note: Although students can use their smart phones and tablets to access their online course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither Blackboard nor GVTC provide technical support for issues relating to the use of a smart phone or tablet so students are advised **to not rely** on these devices to take an online course.

**CALCULATOR USAGE:** The use of cell phones or other internet capable devices are not allowed for calculator usage. Students are expected to bring a calculator appropriate for the course content each day of class and for use in the online course. If calculator usage is not allowed for some topics, students are required to adhere to those expectations.

**COURSE DESCRIPTION:** This course emphasizes techniques of problem solving using algebraic concepts. Topics include: fundamental concepts of algebra; equations and inequalities; functions and graphs; systems of equations; and optional topics including sequences, series, and probability; and analytic geometry.

**MAJOR COURSE COMPETENCIES:** Topics include: fundamental concepts of algebra; equations and inequalities; functions and graphs; systems of equations; optional topics including sequences, series, and probability; and analytic geometry.

**PREREQUISITE(S):** Appropriate Degree Level Math Placement Test Score

**COURSE OUTLINE:**

1. Fundamental Concepts of Algebra

2. Equations and Inequalities
3. Functions and Graphs
4. Systems of Equations
5. Optional Topics including Sequences, Series, Probability, and Analytical Geometry

**GENERAL EDUCATION CORE COMPETENCIES:** STC has identified the following general education core competencies that graduates will attain:

1. The ability to utilize standard written English.
2. The ability to solve practical mathematical problems.
3. The ability to read, analyze, and interpret information.

**STUDENT REQUIREMENTS (Online):** Students are expected to complete all work required by the instructor and to attend the required proctored campus event. Students must register/enroll in Mathxl during the first days of class and use the Mathxl Software to successfully complete the course. Students will be No Showed who do not register for Mathxl by the end of the 3<sup>rd</sup> day of the semester.

Quizzes, tests, and homework grades may be given at any time without prior notice, when needed, but most will be scheduled as part of the class. Failure to adhere to due dates will result in a grade of zero.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week and spending a minimum of 37.5 hours during the semester doing the required homework, quizzes, and tests. Students are expected to communicate frequently through college email located in mySTC on our webpage and in the menu of our Blackboard course, and through the required online class discussion boards. Students are expected to show high-quality, detailed work and/or explanations when completing additional handwritten assignments or online assignments.

Students will have at least one week to complete tests and assignments. All tests and assignments are due by midnight on Wednesday of each week and are scheduled on the lesson plan for online math. Exceptions to the Wednesday deadline may be the proctored exam and final exam.

**ONLINE ATTENDANCE:** It is the student's responsibility to be academically engaged each week doing course related activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an F in a course. Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

**WITHDRAWAL PROCEDURE:** Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

**Remember** - Informing your instructor that you will not return to his/her course does not satisfy the approved

withdrawal procedure outlined above.

**PROCTORED EVENT REQUIREMENT:** In order to validate student identity for all online courses, students enrolled in online courses are **required** to complete one proctored event per online course. The proctored event will be administered on two separate days during the semester—once on the Vidalia campus and once on the Swainsboro campus and will be monitored by the instructor or another STC employee. The proctored event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students must attend one of the scheduled proctored sessions and will need to make arrangements with work, childcare, etc. The specific dates of the proctored event are scheduled on the Lesson Plan/Calendar for the online course. Students living further than 75 miles from either campus who cannot come to Southeastern Tech for the event must secure an approved proctoring site. The site and the proctor must meet Southeastern Technical College's requirements (instructor will provide more information and necessary forms if this is the case). Note: Students taking proctored events off campus will utilize the Proctor Scheduling and Approval Form found in Blackboard within the Getting Started/Start Here and Proctoring Event area. The completed form should be submitted to the course instructor a minimum of two weeks prior to the proctored event. If approved, the instructor will notify the proctor. (The proctored exam for online math counts 30%.)

Students arranging off-campus proctoring must take the event on one of the originally scheduled days. Students who do not complete the proctored event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved, students must make arrangements with the instructor to makeup/reschedule the missed event. The penalty and makeup instructions will be at the instructor's discretion. Proctored events will be given after the 65% point of the semester. **Students who do not complete the proctored event will receive an F in the course.**

As published on STC's website, any expenses incurred to obtain a proctor will be the responsibility of the student; however, students are not charged a proctoring fee when taking the proctored exam on the campus of Southeastern Tech. Most of Georgia's technical colleges do not charge to proctor exams for students enrolled in other TCSG colleges. Students who are enrolled at Southeastern Technical College and live out of the state of Georgia or out of the country could incur a proctoring charge. However, in that instance, the instructor would assist the student in locating the least expensive proctor.

**Students enrolled in this class who are allowed to take the proctored exam late due to an excused absence, giving them more study time, will receive a grade deduction with the highest grade allowed being an 80. If the student has a valid documented excuse for a late makeup on the proctored exam, the makeup must be completed at a time convenient to the instructor within 1 week of the original scheduled date.**

**The required proctored event for this class is a Proctored Cumulative Exam scheduled on the Vidalia Campus in Room 320 of the Main Building on Tuesday, November 1 from 2:00-4:00 p.m. or on the Swainsboro Campus in Room 6218 Building 6 on Wednesday, November 2 from 3:00-5:00 p.m. In addition, the instructor may take up a handwritten homework assignment on this date. The instructor will notify students in advance of the specific material that will be graded or tested for the proctored event. Math students will also take the Math Competency Exam. The grade on this exam will not be used to penalize students.**

**ACADEMIC ENGAGEMENT REWARD (Online Math – Sonya Wilson):** Students who are academically engaged **each week** will receive a reward to replace a low test grade in the 20% category of the grading policy. Major due dates will take place each Wednesday midnight (11:59 p.m.). Therefore, each *work week* will start on Thursday and end on Wednesday. To be eligible for this reward, students must do both of the following:

- Students must make a 70+ on at least one required weekly Mathxl homework assignment, quiz, or test by each Wednesday midnight as scheduled on the lesson plan. Students who are working ahead of schedule still must submit early assignments each week in order to meet academic engagement expectations. **All** assignments should be completed to ensure a student passes the course.; **and**,
- Students must spend a total of 37.5 or more hours on the required/assigned Mathxl homework, Mathxl

quizzes, and Mathxl tests this semester. Mathxl totals these hours for the instructor. This will not include the extra time students may have to spend watching videos, working in the study plan, working on Discussion Boards, etc.

Students who meet the academic engagement expectation will be allowed to replace their lowest, 20% category, competency test grade with their final exam grade. The replaced grade will be a competency exam (chapter test grade) and will not include such items as a mid-semester exam, final exam, or a proctored online exam. If the final exam grade is lower than the lowest competency test grade, then the final exam will not be used as a replacement grade and the lowest competency test grade will be left in place. Students who receive their lowest test score due to cheating are not eligible for the academic engagement reward. **This is a great reward to work for! It can have a very positive effect on most averages. All it takes is a steady weekly commitment to do all assignments.**

**SPECIAL NEEDS:** Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), to coordinate reasonable accommodations.

**SPECIFIC ABSENCES:** Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

**PREGNANCY:** Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please advise me and make appropriate arrangements with Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu).

#### **MAKEUP GUIDELINES:**

**20% Homework:** No makeups are allowed on Mathxl homework assignments. Each Mathxl homework problem offers infinitely many chances to redo it using the tutorials offered with each problem. A grade of 100 is possible on each homework if you use the chances and tutorials.

**10% Quizzes:** No makeups are allowed on quizzes. Mathxl quizzes allow infinitely many chances to make a good grade up until the due date. Please note that you can earn two additional quiz 100's by completing work in the Study Plan in Mathxl and/or the Lecture Videos located above each chapter of homework. The Study Plan is an online tutorial that you can do as needed, but it is not required. You will earn a 100 when you complete 5 hours in the Study Plan or Lecture Videos. You will earn another 100 if you complete an additional 5 hours in the Study Plan or Lecture Videos. (Some students accidentally leave the videos on and acquire an unreasonable number. *Those times will not be used.* For example, 50 hours for one video is unreasonable when most videos are 10 minutes or less.)

**5% Discussion Boards:** No makeups are allowed on the discussion boards.

**20% Chapter Tests:** No makeup tests are allowed, but a Student Engagement Reward can be earned to help with one low test grade. See the Student Engagement Reward Section. In addition, a Proctored Exam Reward is offered to help with another low test grade in this category.

**30% Proctored Exam:** No makeup is allowed unless a valid documented excuse has been provided. The student will still have to attend a proctored session in Swainsboro within one-week of the missed exam if arrangements have been made. It is not a good idea to miss this exam. *Please see the Proctoring section of the syllabus for more details.* The grade on this exam will also be used as a 20% Chapter Test category reward.

**15% Final Exam:** No makeup is allowed.

**ACADEMIC DISHONESTY POLICY:** The STC Academic Dishonesty Policy states *All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline.* The policy can also be found in the *STC Catalog and Student Handbook*.

## PROCEDURE FOR ACADEMIC MISCONDUCT:

The procedure for dealing with academic misconduct and dishonesty is as follows:

### --First Offense--

Student will be assigned a grade of "0" for the test or assignment. Instructor keeps a record in course/program files and notes as first offense. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus. The Registrar will input the incident into Banner for tracking purposes.

### --Second Offense--

Student is given a grade of "WF" for the course in which offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Registrar will input the incident into Banner for tracking purposes.

### --Third Offense--

Student is given a grade of "WF" for the course in which the offense occurs. The instructor will notify the student's program advisor, academic dean, and the Registrar at the student's home campus indicating a "WF" has been issued as a result of second offense. The Vice President for Student Affairs, or designee, will notify the student of suspension from college for a specified period of time. The Registrar will input the incident into Banner for tracking purposes.

**STATEMENT OF NON-DISCRIMINATION:** Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, gender, religion, disability, age, disabled veteran, veteran of Vietnam Era or citizenship status, (except in those special circumstances permitted or mandated by law). This school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

**GRIEVANCE PROCEDURES:** Grievance procedures can be found in the Catalog and Handbook located on STC's website.

**ACCESS TO TECHNOLOGY:** Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the STC website at [www.southeasterntech.edu](http://www.southeasterntech.edu).

## GRADING POLICY

20% Homework  
10% Quizzes  
20% Tests  
5% Discussion Boards  
30% Proctored Cumulative Exam  
15% Final Exam

## GRADING SCALE

A: 90-100  
B: 80-89  
C: 70-79  
D: 60-69  
F: 0-59

## TCSG GUARANTEE/WARRANTY

**STATEMENT:** *The Technical College System of Georgia guarantees employers that graduates of State Technical Colleges shall possess skills and knowledge as prescribed by State Curriculum Standards. Should any graduate employee within two years of graduation be deemed lacking in said skills, that student shall be retrained in any State Technical College at no charge for instructional costs to either the student or the employer.*

## **Additional Grading Information:**

**Your official average for the course is located in Blackboard using the weights outline above this paragraph. The average you see in the Mathxl program just gives you an idea of how you are doing on homework, quizzes, and tests with tests being weighed the heaviest. Mathxl also shows you the correct individual grade on each item you complete.**

**20% Homework Category:** The homework for this course is located in Mathxl. The average for homework will be transferred from Mathxl to the online BB grade book after major due dates. The instructor manually enters these grades and must be given time to do so. Homework grades are always available to you immediately after you finish each homework problem in Mathxl.

**10% Quizzes Category:** Your Quiz average will be updated and displayed in Blackboard after major due dates. Individual quiz grades will be recorded in Mathxl. The individual quiz grades will consist of quizzes given in the Mathxl program as well as several off-line quizzes that may be required by your instructor. An off-line quiz is a traditional handwritten quiz or a quiz that is done outside of Mathxl, but the grade will be recorded in Mathxl.

**5% Discussion Boards Category:** The discussions boards are located in Blackboard. The six discussions boards, including the student introduction, are graded by the rubric located in Blackboard and on the syllabus.

**Note about Mathxl:** Mathxl is a valuable tool that can greatly enhance your learning of the material. In addition, Mathxl will increase your ability to work in the online environment which is in high demand in today's workforce. Please take full advantage of the tutorial buttons associated with each homework problem. In addition, make use of the Study Plan Tool in Mathxl if extra help is needed on any of the concepts.

**Note about not giving up:** A few bad grades are never a good reason to give-up. Giving up results in an F whereas trying usually results in an A, B, C, or D --- all of which are better than an F. Most students are able to turn things around after a few bad grades if they just try. Always take time to discuss things with your instructor. We have to learn to overcome bad circumstances and not run away from them. It is usually easier to turn things around than you think.

**How many hours per week should I expect this course to take me? (15 week semester)** Students should expect the course to take a minimum of 2 to 3 times the contact hours to complete the video lectures, text reading, homework, quizzes, tests, and study time. For this class, 2.5 hours class time per week X 2.5 = a minimum of 6.25 hours per week. (Experts say that a 3 semester hour class should take around 6-10 additional hours per week for the semester.) Therefore, students should work several days per week to learn and complete the material. **For a 9-10 week semester**, students should expect the course to take a minimum of 4.167 hours class time per week X 2.5 = a minimum of 10.4 hours per week.

**Are you feeling overwhelmed as you read all your course expectations for each class?** That is a natural reaction at the beginning of the semester. Just listen to and communicate with your instructors and classmates. Take time to become organized in each class, and it will all come together soon. Your instructors want you to be successful.

**Can I finish this course early?** Yes. Students can work as fast as they want to finish the course requirements early. Students who finish the course work early will still need to take the campus proctored exam. Students working early must also submit assignments each week in accordance with the academic engagement section on the syllabus.

**MATH 1111 HOMEWORK GUIDE AND LESSON PLAN – Subject to changes and updates  
College Algebra, 6<sup>th</sup> Edition**

DATE	CHAPTER	OBJECTIVES	Assignments, Assessments, and Due Dates BB = Blackboard Use this as a Check List.	COMP.
<p><b>No Show Days and Beginning of Work Week 1</b></p> <p><b>August 15 – Due August 17</b></p> <p><b>More Work Week 1 below</b></p>	<p><b>Start Here!</b></p>	<p>First Day of Class</p> <p>To Login to mySTC: Username: 9XXXXXXXXX Password: Usually your six digit birthdate.</p> <p>To Login to Blackboard: Username: 43_9XXXXXXXXX Password: 43_9XXXXXXXXX unless you changed it last semester.</p>	<p><b>Complete the Following during the time frame listed in column 1:</b></p> <ul style="list-style-type: none"> <li>○ Login to Blackboard (BB) by first going to mySTC on our website and clicking on the BB icon. The alternate way to access BB is to directly go to their website at <a href="https://southeasterntech.blackboard.com">https://southeasterntech.blackboard.com</a>.</li> <li>○ Read the announcement in BB, explore the course, and review everything. Organize information separately for each course you take.</li> <li>○ Within BB, click on the <b>Start Here!</b> menu option and complete the getting started requirements. (Student Acknowledgement, <i>Student Introduction Discussion Board</i>, etc...)</li> <li>○ As part of the three no show requirements for online math, register for Mathxl by using the purchased access code and the Mathxl Course ID provided in the Mathxl section in our BB course.</li> <li>○ Start a notebook for all important documents, video notes, homework notes, quiz notes, and test notes.</li> <li>○ Email your instructor from College Email found in mySTC or use the Send Email Menu Item in BB.</li> <li>○ Working ahead of schedule, in an effort to complete the course early, is allowed. Working behind schedule is not.</li> <li>○ Make sure you have completed the 3 No Show requirements for math by the date shown in column 1.</li> </ul>	
<p><b>Work Week 1</b></p> <p><b>Start August 15 – Due August 24 by 11:59 p.m. each week</b></p>	<p>Chapter P Plan 6-10 hours per week to dedicate to math!</p>	<p>P.1: Algebraic Expressions, Mathematical Models, and Real Numbers P.2: Exponents and Scientific Notation P.3 Radicals and Rational Exponents P.4: Polynomials P.5: Factoring Polynomials P.6: Rational Expressions</p>	<ul style="list-style-type: none"> <li>○ Prepare for Chapter P by reading Chapter P, doing the assigned homework in Mathxl, and by using the Tutorial Buttons provided with each homework problem. Look under the <b>Homework and Tests</b> button in our Mathxl course. Keep all work and notes in your notebook for use throughout the semester.</li> <li>○ Great Homework prepares you for quizzes and tests!</li> <li>○ Mathxl will recommend study plan problems or Quiz Me items. You are not required to do those items.</li> <li>○ Make use of the Chapter P video lectures provided in Mathxl. These are considered the lectures you are missing from a lecture course.</li> <li>○ Complete the Chapters P.1-P.3 homework in Mathxl. Homework allows</li> </ul>	<p>1,2 *a,b,c</p>

			<p>you to redo each problem. After three chances, you must click similar problem. Please note the due date for this in column 1.</p> <ul style="list-style-type: none"> <li>○ Complete the <i>Student Introduction Discussion Board</i> with 2 replies. Discussion Boards are always located in Blackboard. This one is located in the Start Here section.</li> <li>○ Check your College Email found under mySTC each day!</li> <li>○ Feel free to start the next week early.</li> </ul>	
<p><b>Work Week 2</b> <b>August 25 –</b> <b>Due August 31</b></p>	Chapter P		<ul style="list-style-type: none"> <li>○ Complete the Chapters P.4-P.6 homework in Mathxl. Homework allows you to redo each problem. After three chances, you must click similar problem. Great Homework prepares you for quizzes and tests!</li> <li>○ Complete the Chapter P Quiz which allows 3 chances. Allot enough time to complete the quiz during the time allowed (50 minutes). The best grade of the 3 chances counts! Use the 3 chances to prepare for the Test. Organize the quiz work in your notebook!</li> <li>○ Complete the Chapter P Test. 1 chance is given on each test. The quizzes are a great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</li> <li>○ Complete your first post to <i>Discussion Board 1</i> found in BB under the Discussion Boards menu item. The replies can be done during the next work week.</li> <li>○ Check your College Email found under mySTC each day!</li> </ul>	
<p><b>Work Week 3</b> <b>September 1 –</b> <b>Due</b> <b>September 7</b></p>	Chapter 1 Equations and Inequalities	<p>1.1: Graphs and Graphing Utilities 1.2: Linear Equations and Rational Equations 1.3: Models and Applications 1.4: Complex Numbers (opt) 1.5: Quadratic Equations 1.6: Other Types of Equations (opt) 1.7: Linear Inequalities and Absolute Value Inequalities (opt)</p>	<ul style="list-style-type: none"> <li>○ Prepare for Chapter 1 by reading the text, watching lecture videos, and using the tutorial resources in Mathxl. BB also has tutorial resources.</li> <li>○ Complete the Chapters 1.1-1.3 Homework. The pace will pick up next week. Please start 1.4-1.6.</li> <li>○ Complete the 2+ replies to <i>Discussion Board 1</i>.</li> <li>○ Check College Email daily.</li> <li>○ Start the next week or move through the weeks faster if you want.</li> </ul>	2,3 *a,b,c
<p><b>Work Week 4</b> <b>September 8 –</b> <b>Due</b> <b>September 14</b></p>	Chapter 1		<ul style="list-style-type: none"> <li>○ Complete the two homework assignments for Chapters 1.4-1.5 and Chapters 1.6 -1.7.</li> <li>○ Complete your first post to <i>Discussion Board 2</i> found in BB under the Discussion Boards menu item. The replies can be done during the next work week.</li> <li>○ Check College Email daily.</li> </ul>	
<p><b>Work Week 5</b> <b>September 15</b> <b>– Due</b> <b>September 21</b></p>	Chapter 1		<ul style="list-style-type: none"> <li>○ Complete the Chapter 1 Quiz by allotting plenty of time to make use of the best of 3 chances and preparation for the test this week.</li> <li>○ Complete the Chapter 1 Test. 1 chance is given on each test. The quizzes are a</li> </ul>	

			<p>great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</p> <ul style="list-style-type: none"> <li>○ Complete the 2+ replies to <i>Discussion Board 2</i>.</li> <li>○ Check College Email daily.</li> </ul>	
<p><b>Work Week 6</b>  <b>September 22</b>  – Due  <b>September 28</b></p>	Chapter 2 Functions and Graphs	2.1: Basics of Functions and their Graphs 2.2: More on Functions and their Graphs 2.3: Linear Functions and Slope 2.4: More on Slope 2.5: Transformation of Functions 2.6: Combinations of Functions; Composite Functions 2.7: Inverse Functions 2.8: Distance and Midpoint Formulas; Circles	<ul style="list-style-type: none"> <li>○ Complete the two homework assignments for Chapters 2.1-2.2 and Chapters 2.3-2.4.</li> <li>○ Complete your first post to <i>Discussion Board 3</i> found in BB under the Discussion Boards menu item. The replies can be done during the next work week.</li> <li>○ Check College Email daily.</li> </ul>	1, 3 *a,b,c
<p><b>Work Week 7</b>  <b>September 29</b>  – Due <b>October 5</b></p>	Chapter 2		<ul style="list-style-type: none"> <li>○ Complete the Chapters 2.5-2.6 and 2.7-2.8 Homework.</li> <li>○ Complete the Chapter 2 Quiz or Quizzes by allotting plenty of time to make use of the best of 3 chances and preparation for the test this week.</li> <li>○ Complete the Chapter 2 Test. 1 chance is given on each test. The quizzes are a great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</li> <li>○ Complete the 2+ replies to <i>Discussion Board 3</i>.</li> <li>○ Check College Email daily.</li> <li>○ Notice all of chapter 3 is due next week.</li> </ul>	
<p><b>Work Week 8</b>  <b>October 6 –</b>  Due <b>October 12</b></p>	Chapter 3 Polynomial and Rational Functions	3.1 Quadratic Functions 3.2: Polynomial Functions and Their Graphs 3.3: Dividing Polynomials: Remainder and Factor Theorems 3.6: Polynomial and Rational Inequalities 3.7: Modeling Using Variation	<ul style="list-style-type: none"> <li>○ Prepare for Chapter 3.</li> <li>○ Complete Chapters 3.1-3.2 and 3.3-3.7 Homework.</li> <li>○ Complete the Chapter 3 Quiz or Quizzes by allotting plenty of time to make use of the best of 3 chances and preparation for the test this week.</li> <li>○ Complete the Chapter 3 Test. 1 chance is given on each test. The quizzes are a great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</li> <li>○ No Discussion Board Requirement this week.</li> <li>○ Check College Email daily.</li> </ul>	3 *a,b,c
<p><b>Work Week 9</b>  <b>October 13 –</b>  Due <b>October 19</b></p>	Chapter 4 Exponential and Logarithmic Functions	4.1: Exponential Functions 4.2: Logarithmic Functions 4.3: Properties of Logarithms 4.4: Exponential and Logarithmic Equations 4.5: Exponential Growth and Decay: Modeling Data	<ul style="list-style-type: none"> <li>○ Prepare for Chapter 4.</li> <li>○ Complete Chapters 4.1-4.3 Homework. Chapter 4 is often a new concept for students. Study hard and concentrate.</li> <li>○ Complete your first post to <i>Discussion Board 4</i> found in BB. The replies can be done during the next work week.</li> <li>○ Check College Email daily.</li> </ul>	1,3,5 *a,b,c
<p><b>Work Week 10</b>  <b>October 20 –</b>  Due <b>October 26</b></p>	Chapter 4		<ul style="list-style-type: none"> <li>○ Complete Chapters 4.4-4.5 Homework.</li> <li>○ Complete the Chapter 4 Quiz or Quizzes by allotting plenty of time to make use of the best of 3 chances and preparation for the test this week.</li> <li>○ Complete the Chapter 4 Test. 1 chance</li> </ul>	2,4 *a,b,c

			<p>is given on each test. The quizzes are a great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</p> <ul style="list-style-type: none"> <li>○ Complete the 2+ replies to <i>Discussion Board 4</i>.</li> <li>○ Check College Email Daily.</li> </ul>	
<p><b>Work Week 11</b></p> <p><b>October 27 – November 2</b></p> <p><b>Proctored Event Week!</b></p>		<p>Proctored Exam Study Guide Math Competency Exam</p>	<ul style="list-style-type: none"> <li>○ Complete the Study Guide by doing the problems in algebraic detail on notebook paper. Do the problems in order. Show algebraic proof in a manner consistent with the expectations of an algebra student. The text examples and Mathxl are good examples of how work should be shown.</li> <li>○ <b>Take the REQUIRED proctored exam and Math Competency Exam</b> on one of the dates &amp; times provided. Students who are late will lose that time. -<b>Opportunity 1</b> is in Vidalia, Tuesday, November 1, in the Main Building, Room 320, at 2:00 p.m. The testing session will end at 4:00 p.m. -<b>Opportunity 2</b> is in Swainsboro, Wednesday, November 2, in Building 6, Room 6218, at 3:00 p.m. The testing session will end at 5:00 p.m.</li> <li>○ Check College Email daily.</li> </ul>	
<p><b>Work Week 12</b></p> <p><b>November 3 – Due November 9</b></p>	<p>Chapter 5 Systems of Equations and Inequalities</p>	<p>5.1: Systems of Linear Equations in Two Variables 5.2: Systems of Linear Equations in Three Variables 5.4: Systems of Nonlinear Equations in Two Variables 5.5: Systems of Inequalities</p>	<ul style="list-style-type: none"> <li>○ Prepare for Chapter 5.</li> <li>○ Complete Chapters 5.1-5.2 Homework.</li> <li>○ Complete your first post to <i>Discussion Board 5</i> found in BB. The replies can be done during the next work week.</li> <li>○ Check College Email daily.</li> </ul>	<p>2,4 *a,b,c</p>
<p><b>Work Week 13</b></p> <p><b>November 10 – Due November 16</b></p>			<ul style="list-style-type: none"> <li>○ Complete Chapters 5.4-5.5 Homework.</li> <li>○ Complete the 2+ replies to <i>Discussion Board 5</i>.</li> <li>○ Check College Email Daily.</li> </ul>	
<p><b>Work Week 14</b></p> <p><b>November 17 – Due November 30</b></p>	<p>Chapter 6 Matrices and Determinants</p>	<p>6.3: Matrix Operations and Their Applications 6.5: Determinants and Cramer's Rule</p>	<ul style="list-style-type: none"> <li>○ Prepare for Chapter 6.</li> <li>○ Complete Chapters 6.3-6.5 Homework.</li> <li>○ Complete the Chapters 5&amp;6 Quiz or Quizzes by allotting plenty of time to make use of the best of 3 chances and preparation for the test this week.</li> <li>○ Complete the Chapters 5&amp;6 Test. 1 chance is given on each test. The quizzes are a great aid in preparing for the test. Do not open the test until you are sure you have time to complete it in one sitting.</li> <li>○ Contact the instructor by college email if you complete this test prior to Week 14.</li> <li>○ Check College Email daily.</li> </ul>	<p>4,5 *b,c</p>
<p><b>To Be Announced</b></p>	<p>Chapters 7&amp;8 Conic Sections, Sequences, Induction &amp; Probability</p>	<p>7.1-7.3: Conic Sections 8.1: Sequences</p>	<p>Optional Material: The instructor will inform students through college email if this material will be assigned.</p>	<p>5 b,c</p>
<p><b>Work Week 15</b></p> <p><b>December 1 – Due December</b></p>	<p>Final Exam</p>		<ul style="list-style-type: none"> <li>○ Complete the Final Exam. Do not open the final exam until you are prepared to finish it in one sitting.</li> </ul>	

<b>7</b>			
<p>The Instructor will apply the following rewards to those who achieved them. Information about the rewards is located throughout the syllabus, Mathxl, course.</p> <p>*The Proctored Exam Grade will replace your lowest test grade in the 20% Test Category.</p> <p>*The Academic Engagement Reward will allow you to replace your lowest test grade in the 20% Test Category with the grade you make on the Final Exam.</p> <p>*Study Plan/Lecture Video Reward is discussed in the announcement in Mathxl and in the Makeup section of the syllabus. This reward will count in the 10% Quiz Category.</p> <p>*The Math Competency Exam, which is taken on the Proctored Exam Day, will allow you to add points to your proctored exam. 5% of the grade you make will be added to the proctored exam. If you make a 100, for example, 5% of 100 = 5 points.</p>			
<p><b>COURSE OUTLINE:</b></p> <ol style="list-style-type: none"> <li>1. Fundamental Concepts of Algebra</li> <li>2. Equations and Inequalities</li> <li>3. Functions and Graphs</li> <li>4. Systems of Equations</li> <li>5. Optional Topics including Sequences, Series, Probability, and Geometry</li> </ol>		<p><b>**General Core Educational Competencies</b></p> <ol style="list-style-type: none"> <li>a) The ability to utilize standard written English. (i.e. Explanations of answers, Writing Problems) (Online: Weekly Blackboard Work Week Summaries and Discussion Boards.)</li> <li>b) The ability to solve practical mathematical problems. (i.e. Mathxl Assignments)</li> <li>c) The ability to read, analyze, and interpret information. (i.e. Blackboard Course, Mathxl Assignments, Application Problems)</li> </ol>	

**\*\*Disclaimer Statements\*\* (This is the version given to students Fall 2016 – 201712)**

\*\*\*\*Instructor reserves the right to change the syllabus and/or lesson plan as necessary.\*\*\*\*

\*\*\*The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.\*\*\*

Tutoring: Please see your instructor to arrange tutoring times. In addition, Mathxl is a rich tutorial system by using the Study Plan, the videos, and the buttons inside homework. Keep a well-organized notebook when doing online work in Mathxl.

### Discussion Board Rubric – 1 page

There are 5 Discussion Boards and a Student Introduction Discussion Board. Due dates are scheduled for each of the 5 discussions and a 0 is given for any discussion not completed by the due date.

Please Click Here to View the [Discussion Board Rubric.](#)