



MATH 1111 / College Algebra

COURSE SYLLABUS

Online – Fall Semester 2017 - 201812

COURSE INFORMATION

Credit Hours/Minutes: 3/2250

Class Location: GVTC/Blackboard

Class Meets: Via Internet for 10 weeks

CRN: 20399

Preferred Method of Contact: College Email

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Sonya F. Wilson

Office Location: Building 6, Room 6218

Office Hours: 1:30-5:30 MTWR

Email Address: swilson@southeasterntech.edu

Phone: 478.289.2298

Fax Number: 478.289.2276

Tutoring Hours (if applicable): 1:30-2:30 T, or by Appointment

REQUIRED TEXT

Blitzer, Robert R. (2014). College Algebra (6th edition). Boston: Pearson Education, Inc. The textbook package purchased from the bookstore includes the required text, the MATHXL Access Code, and the Student Solutions Manual. A digital copy of the text is available in the MathXL course. 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.

Instructions 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

Students should have a 3-ring binder notebook, computer access, loose-leaf paper, pencils, notebook, highlighter, and graphing calculator (TI-84 preferred, TI-83 acceptable). Students must purchase a MathXL Access Code or used a non-expired MathXL account. Students need 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 3rd 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 and discussion boards. College email is accessed at <https://portal.office.com>, under Quick links on our webpage, or in the menu of our Blackboard course. Students are expected to show high-quality, detailed work and/or explanations when completing additional handwritten assignments or online assignments.

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.

Note that COREQ 0090 students do have an attendance requirement. If dropped/withdrawn from 0090, the student will automatically be dropped/withdrawn from 1111.

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 time frame and Wednesday deadline may be the proctored exam and final exam.

Exceptions to the due dates of assignments due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

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, 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.

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. (30% of the course grade in Math.) 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.

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 Final Exam** scheduled on the **Swainsboro Campus in Room 6218 Building 6 on Thursday, October 19 at 1:30 p.m.**, or on the **Vidalia Campus in Room 320 of the Main Building on Monday, October 23 at 1:00 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 the MCE 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 30% test 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, 30% test 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, homework test grade, or a proctored online exam. If the exam grade is lower than the lowest competency test grade, then the exam grade 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.**

MAKEUP GUIDELINES (ONLINE TESTS, QUIZZES, HOMEWORK, PROJECTS, ETC...)

25% 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. This semester the average you make on homework by the end of the semester will also count at a test grade in the Test Category. (For example, a 100 HW average = an individual test category test grade recorded in the BB gradebook. On the other hand, a low homework average will result in a low test grade being recorded in BB.)

10% Quizzes(online): No makeups are allowed on quizzes because you are already allowed 3 chances on each quiz. The best of 3 chances is the one that counts. 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. A max of 2 hours will be allowed in those cases.)

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

30% 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 Final 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 since it is a final exam. Early arrangements would be best. A grade of F will be recorded and the course will be disabled. Please see the Proctoring section of the syllabus for more details. The grade on this exam will also be used as a 30% Chapter Test category reward allowing you to replace your lowest chapter test grade with the grade you make on this exam!!

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:

1. 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.

2. 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.

3. 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

The Technical College System of Georgia and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member 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).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

ADA/Section 504 - Equity- Title IX (Students) - OCR Compliance Officer	Title VI - Title IX (Employees) - EEOC Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 108 Phone: 912-538-3126 hthomas@southeasterntech.edu	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3147 bwilcox@southeasterntech.edu

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](#).

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.

GRADING POLICY

Assessment/Assignment	Percentage
Homework	25%
Quizzes	10%
Tests	30%
Discussion Boards	5%
Proctored Final Exam	30%

GRADING SCALE

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

ADDITIONAL GRADING INFORMATION:

Your official average for the course is located in Blackboard using the weights described in the Grading Policy section of the syllabus. The average you will see in the Mathxl program just gives you an idea of how you are doing on homework, quizzes, and tests. Mathxl also shows you the correct individual grade on each item you complete. The Blackboard gradebook is manually updated by the instructor after major due dates.

25% 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 discussion boards are located in Blackboard. The six discussion 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? Class Time/Contact Hours for this course are 2250 minutes or 37.5 hours for an entire semester. In a lecture class, this would be considered seat time. This is equivalent to 2.5 hours per week during a 15 week semester, 3.75 hours per week during a 10 week semester, and 4.167 hours per week during a 9 week semester. In addition to class time, students can expect to spend 2 to 3 times the contact hours to doing additional tasks such as homework, tutorials, reading, and studying. Therefore, the course will take more than 37.5 hours.

- 15 Week Semester: 2.5 contact hours per week X 2 = a minimum of 5 hours per week.
- 10 Week Semester: 3.75 contact hours per week X 2 = a minimum of 7.5 hours per week.
- 9 Week Semester: 4.167 contact hours per week X 2 = a minimum of 8.334 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 online math 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

College Algebra, 6th Edition

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
<p>No Show Days and Beginning of Work Week 1</p> <p>August 14 – Due August 17</p> <p>More work for Work Week 1 below Start Ch. P Homework after completing the three no show requirements.</p>	<p>Start Here!</p>	<p>First Day of Class</p> <p>To Login to mySTC: Username: 9XXXXXXXXX Password: BannerWeb Pin Number</p> <p>To Login to Blackboard: Username: 43_9XXXXXXXXX Password: 43_9XXXXXXXXX unless you changed it last semester.</p> <p>College Email found at portal.office.com. Username: 9XXXXXXXXX@students.southeasterntech.edu Password: BannerWeb Pin Number</p>	<p>Complete the Following during the time frame listed in column 1:</p> <ul style="list-style-type: none"> ○ Login to Blackboard (BB) by first going to mySTC on our website and clicking on the BB icon. The alternate way to access Blackboard is to directly go to their website at the link https://southeasterntech.blackboard.com. ○ Read the announcement in BB, explore the course, and review everything. Organize information separately in notebooks for each course you take. ○ Within BB, click on the Start Here! menu option and complete the getting started requirements. (Student Acknowledgement, <i>Student Introduction Discussion Board</i>, etc...) ○ As part of the three no show requirements for online math, register & enroll for Mathxl by using the purchased access code and the Mathxl Course ID provided in the Mathxl section in our BB course. ○ Start a notebook for all important documents, video notes, homework notes, quiz notes, and test notes. ○ As part of the no show requirements, Email your instructor from College Email found in mySTC, at portal.office.com, or use the Send Email Menu Item in BB. ○ Working ahead of schedule, in an effort to complete the course early, is allowed. Working behind schedule is not. ○ Make sure you have completed the 3 No Show requirements for math by the due date. (Completion = 100 HW grade recorded in MathXL) 	<p>NA</p>

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
<p>Work Week 1</p> <p>Start August 14 – Due August 23 by 11:59 p.m. each week</p>	<p>Chapter P Fundamental Concepts of Algebra 1</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"> ○ 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. Go to the <u>Homework and Tests</u> menu button in our Mathxl course. Keep all work and notes in your notebook for use throughout the semester. ○ Great Homework prepares you for quizzes and tests! ○ Mathxl will recommend study plan problems or Quiz Me items. You are not required to do those items. ○ Make use of the Chapter P video lectures provided in Mathxl found in the Homework and Tests section of Mathxl. These are considered the lectures you are missing from a lecture course. ○ Complete the Chapters P.1-P.3 homework in Mathxl. Homework allows you to redo each problem. After three chances, you must click similar problem. Please note the due date provided in the Date/Week column of the lesson plan. ○ 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. ○ Complete your first post to <i>Discussion Board 1</i> found in BB under the Discussion Boards menu item. The two + replies can be done during the next work week. ○ Check your College Email found at portal.office.com or mySTC each day! ○ Feel free to start the next chapter early. ○ This semester the average you make on homework by the end of the semester will also count as a Test Grade. (100 HW = 100 individual Test Category grade recorded in the BB grade book.) 	<p>1,2 *a,b,c</p>

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
Work Week 2 August 24 – Due August 30	Chapter P	Chapter P	<ul style="list-style-type: none"> ○ 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! ○ Complete the 2+ replies to <i>Discussion Board 1</i>. ○ 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! ○ 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. ○ Check your College Email found under mySTC each day! ○ Start Chapter 1 MathXL. Prepare for Chapter 1 by reading the text, watching lecture videos, and using the tutorial resources in Mathxl. BB also has tutorial resources. 	
Work Week 3 August 31 – Due September 6	Chapter 1 Equations and Inequalities	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)	<ul style="list-style-type: none"> ○ Complete the two homework assignments for Chapters 1.1-1.3 and 1.4-1.5 Homework. ○ 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. ○ Check College Email daily. ○ Start the next week or move through the weeks faster if you want. ○ Instructor out of town during WW3. 	2,3 *a,b,c

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
Work Week 4 September 7 – Due September 13	Chapter 1		<ul style="list-style-type: none"> ○ Complete the homework assignment for Chapters 1.6 -1.7. ○ 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. ○ Complete the Chapter 1 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. ○ Complete the 2+ replies to <i>Discussion Board 2</i>. ○ Check College Email daily. ○ Prepare for Chapter 2 by reading the text, watching lecture videos, and using the tutorial resources in Mathxl. BB also has tutorial resources. 	
Work Week 5 September 14 – Due September 20	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"> ○ Complete the two homework assignments for Chapters 2.1-2.2 and Chapters 2.3-2.4. ○ 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. ○ Check College Email daily. 	
Work Week 6 September 21 – Due September 27	Chapter 2		<ul style="list-style-type: none"> ○ Complete the Chapters 2.5-2.6 and 2.7-2.8 Homework. ○ Complete the 2+ replies to <i>Discussion Board 3</i>. ○ 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. ○ 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. ○ Check College Email daily. ○ Notice all of chapter 3 is due next week. Prepare for Chapter 3. 	1, 3 *a,b,c

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
Work Week 7 September 28 – Due October 4	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"> ○ Complete Chapters 3.1-3.2 and 3.3-3.7 Homework. ○ Complete your first post to <i>Discussion Board 4</i> found in BB. The replies can be done during the next work week. ○ 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. ○ 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. ○ Check College Email daily. ○ Prepare for Chapter 4. All is due next week. Start Early! 	
Work Week 8 October 5 – Due October 11	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"> ○ Complete Chapters 4.1-4.3 and 4.4-4.5 Homework assignments. ○ 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. ○ Complete the Chapter 4 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. ○ Complete the 2+ replies to <i>Discussion Board 4</i>. ○ Complete your first post to <i>Discussion Board 5</i> found in BB. The replies can be done during the next work week. ○ Check College Email Daily. ○ Prepare for Chapters 5 & 6. All is due next week! 	3 *a,b,c
Work Week 9 October 12 – Due October 18	Chapter 5 Systems of Equations and Inequalities Chapter 6 Matrices and Determinants	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 6.3: Matrix Operations and Their Applications 6.5: Determinants and Cramer’s Rule	<ul style="list-style-type: none"> ○ Complete Chapters 5.1-5.2, 5.4-5.5, 6.3, & 6.5 Homework. ○ Complete the 2+ replies to <i>Discussion Board 5. (Last DB!)</i> ○ Complete the Chapters 5&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. ○ Complete the Chapters 5&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. ○ Check College Email daily. 	1,3,5 *a,b,c

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard Use as a Check List	Competency Area
<p>Work Week 10 Finals</p> <p>October 19, 1:30 p.m. Swainsboro or October 23, 1:00 p.m. Vidalia</p>		<p>Proctored Final Exam – required on campus – 30% of your final average!!</p> <p>Math Competency Exam (MCE) Topic Guide located in BB –no academic penalty – grade positively affects the proctored final exam.</p>	<ul style="list-style-type: none"> ○ Complete the Study Guide for the proctored final exam 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. ○ Preparation for the MCE is not required, but taking it is. A topic guide is available in BB if you would like to prepare a little. ○ Take the REQUIRED proctored exam (up to 1.5 hrs. from scheduled start time) and Math Competency Exam (up to 50 min.) on one of the dates & times provided. Students who are late will lose that time. <ul style="list-style-type: none"> -Opportunity 1 is in Swainsboro, Thursday, October 19, in Building 6, Room 6218, at 1:30 p.m. The testing session will end at 4:00 p.m. -Opportunity 2 is in Vidalia, Monday, October 23, in the Main Building, Room 320, at 1:00 p.m. The testing session will end at 3:30 p.m. 	<p>2,4 *a,b,c</p>

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 CORE EDUCATIONAL COMPETENCIES

- a) The ability to utilize standard written English.
- b) The ability to solve practical mathematical problems.
- c) The ability to read, analyze, and interpret information.

REWARDED ACTIVITY

The Instructor will apply the following rewards to those who achieve them. Information about the rewards is located throughout the syllabus, Mathxl, and the course. (Those who DO the expected work as expected are rewarded in the following ways.)

- The Proctored Exam Grade will replace your lowest test grade in the 30% Test Category if it is higher than a chapter test grade.
- The Academic Engagement Reward will allow you to replace your lowest test grade in the 30% Test Category with the grade you make on the Final Exam if it is higher than a test grade.

- The Study Plan/Lecture Video Reward is discussed in the Makeup Guidelines section of the syllabus. This reward will count in the 10% Quiz Category.
- 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.
- Great homework is being rewarded. Your end-of-semester homework average will be an extra test grade that counts in the 30% Test Category. Be aware that poor homework practices will result in a low extra test grade that will hurt your average.
- The Proctored Exam Study Guide reward is available and determined by the quality of the work you turn in, the algebraic details shown, the number completed, the following of instructions, and so forth. 0 to 5 points will be added to a test category grade in the 30% Test Category.

DISCLAIMER STATEMENTS

- The instructor reserves the right to change the syllabus and/or lesson plan as necessary.
- The official copy of the syllabus is located inside the online Blackboard course shell or will be given to the student 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 a student is enrolled in, is for planning purposes only.

MATH TUTORING

Please see your instructor to arrange tutoring times or to gain information about other instructors who provide tutoring. In addition, MathXL is a rich tutorial system which includes a Study Plan, videos, and links to resources such as View an Example and Help me Solve This. Keep a well-organized notebook when doing online work in MathXL so you can reference the material later when you need tutoring.

DISCUSSION BOARD RUBRIC ABBREVIATIONS AND EXPLANATIONS

- SC/WC represents a category where the number of sentences or words written can be deducted for based on the instructions given with each discussion board in Blackboard.
- MP represents a category where missing posts can be deducted for based on the instructions given with each discussion board in Blackboard.
- The use of the word posts applies to original postings and replies.

Discussion Board Rubric

Criteria & Achievement Level	20 POINTS OUTSTANDING (100%)	15 POINTS PROFICIENT (75%)	10 POINTS BASIC (50%)	5 POINTS BELOW EXPECTATIONS (25%)	0 POINTS (0%)
Critical Thinking and/or MP Criteria (20% Weighting)	20 POINTS Discussion is rich in content. Generates thought provoking questions. Shows signs of insight and analysis of subject.	15 POINTS Discussion is substantial in content. Shows some insight and analysis has taken place.	10 POINTS Discussion is generally competent. Information may be thin and commonplace. MP: One or more of the required postings are missing limiting the student's ability to meet the criteria.	5 POINTS Discussion is rudimentary and superficial, no analysis or insight is displayed. MP: Two or more of the required postings are missing limiting the student's ability to meet the criteria.	0 POINTS Did not meet the requirements.
Connections (20% Weighting)	20 POINTS Clear connections to previous or current life situations.	15 POINTS Connections are somewhat evident. Some connections to real life situations but not very clear or obvious.	10 POINTS Limited connections. Vague generalities.	5 POINTS No Connections. Off topic.	0 POINTS Did not meet the requirements.
Uniqueness and/or MP Criteria (20% Weighting)	20 POINTS New ideas. New connections. Discussions are filled with depth and detail.	15 POINTS Contains new ideas, but discussions lack depth or detail. MP: One or more of the required postings are missing limiting the student's ability to meet the criteria.	10 POINTS Few or no new ideas. Discussions rehash or summarize other postings. MP: Two or more of the required postings are missing limiting the student's ability to meet the criteria.	5 POINTS No new ideas. "I agree with..." and "I like that concept..." types of statements given.	0 POINTS Did not meet the requirements.
Timeliness and/or MP Criteria (20% Weighting)	20 POINTS All required postings are completed in advance of the deadline ensuring others have time to respond.	15 POINTS All required postings are completed by the deadline. Some posts are not completed in time for others to read and respond.	10 POINTS All or some of the required posts are completed at the last minute without allowing time for others to respond. MP: One or more of the required postings are missing limiting the student's ability to meet the criteria.	5 POINTS MP: Some of the required postings are missing which limits the student's ability to meet the criteria.	0 POINTS Did not meet the requirements.
Stylistics and/or SC/WC Criteria (20% Weighting)	20 POINTS 0, 1, or 2 grammatical or stylistic errors.	15 POINTS 3-5 grammatical or stylistic errors. SC/WC: Sentence count or word count does not meet the criteria.	10 POINTS 5 or more obvious grammatical errors. Errors interfere with discussion content. SC/WC: Sentence count or word count does not meet the criteria.	5 POINTS Obvious grammatical or stylistic errors make understanding impossible. SC/WC: Sentence count or word count does not meet the criteria.	0 POINTS Did not meet the requirements.