



MATH 1111 / College Algebra

COURSE SYLLABUS

Online – Summer 2020 - 202016

COURSE INFORMATION

Credit Hours/Minutes: 3/2250

Class Location: Georgia Virtual Technical Connection (GVTC)/Blackboard

Class Meets: Via Internet for 9 weeks

Course Reference Number (CRN): 60198

Preferred Method of Contact: Office 365 College Email at mySTC

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Mr. Jamie Powers

Office Location: Swainsboro Campus, Building 2, Room 2106

Office Hours: 8 a.m. – 11:30 a.m. Monday-Thursday

Email Address: [Jamie Powers jpowers@southeasterntech.edu](mailto:jpowers@southeasterntech.edu)

Phone: 478-289-2221

Fax Number: 478-289-2214

Tutoring Hours (if applicable): 8 a.m. – 11:30 a.m. Monday-Thursday, or made by appointment with instructor

SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND STUDENT HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Student Handbook](http://www.southeasterntech.edu/student-affairs/catalog-handbook.php) (<http://www.southeasterntech.edu/student-affairs/catalog-handbook.php>).

NO REQUIRED TEXT

Purchase of a textbook is optional. The course includes an e-text: Blitzer, R. College Algebra (seventh edition). New Jersey: Prentice Hall. Student Text ISBN 13: 978-0-13-446916-4 (Other editions of the same book are acceptable if you want to purchase a hard copy of the text.)

REQUIRED SUPPLIES & SOFTWARE

Software: MathXL is the software required for the course. The **MathXL Access Code** may be purchased from the bookstore or from the [MathXL Website](http://www.mathxl.com) (www.mathxl.com) after the course has started. Wait until you also have the **MathXL Course ID** to register. Students will be given instructions to register for MathXL during class or in the online course. Campus students will receive the **Course ID** on the first day of class. Online students will find it on the menu of our Blackboard course.

Supplies: Three ring binder notebook, computer access, loose-leaf paper, pencils (all math problem work must be done in pencil), highlighter, and a graphing calculator (TI-83 or TI-84). Cellphones or other electronic devices cannot be used in the course. 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.

Students should not share login credentials with others and should change passwords periodically to maintain security.

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. (To secure the proper information to access Mathxl, first login to our Blackboard course and go to the menu item titled as **Math Work / MathXL.**)

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. Office 365 College email is accessed under the mySTC tab on our college website. **Students are expected to show/write high-quality, detailed work and/or explanations when completing homework, the proctored exam, or any additional handwritten assignments or online assignments.**

College Email: Please refer to the **Technology Access** information found on our webpage in locations such as Quicklinks and mySTC. Use this to learn how to properly set-up and access your STC Office 365 email. Link: [Technology Access \(http://lms.southeasterntech.edu/ Online Documents/TechnologyAccess.pdf\)](http://lms.southeasterntech.edu/Online_Documents/TechnologyAccess.pdf)

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" (Failing 0-59) 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.

Students will have at least one week to complete tests and assignments. All tests and assignments are due at 11:59 PM on Wednesday of each week. 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.

STUDENTS WITH DISABILITIES

Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact the appropriate campus coordinator to request services.

Swainsboro Campus: [Macy Gay, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

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 make arrangements with the appropriate campus coordinator.

Swainsboro Campus: [Macy Gay, \(mgay@southeasterntech.edu\)](mailto:mgay@southeasterntech.edu), 478-289-2274, Building 1, Room 1210.

Vidalia Campus: [Helen Thomas, \(hthomas@southeasterntech.edu\)](mailto:hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 165.

It is strongly encouraged that requests for consideration be made **PRIOR** to delivery and early enough in the pregnancy to ensure that all the required documentation is secured before the absence occurs. Requests made after delivery **MAY NOT** be accommodated. The coordinator will contact your instructor to discuss accommodations when all required documentation has been received. The instructor will then discuss a plan with you to make up missed assignments.

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (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” (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

Important – Student-initiated withdrawals are not allowed after the 65% point. After the 65% point of the term in which student is enrolled, the student has earned the right to a letter grade and will receive a grade for the course. Please note: Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of “F” (Failing 0-59) being assigned.

Informing your instructor that you will not return to his/her course, does not satisfy the approved withdrawal procedure outlined above.

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. A grade of “W” will count in attempted hour calculations for the purpose of Financial Aid.

Online Proctored Event Withdrawals

Students who do not complete the proctored exam for an online class on the scheduled date and do not present a valid excuse within three business days of the scheduled event will be withdrawn from the course with a “WF” (Withdrawn Failing) and will be disabled in their online class. If the proctored event is scheduled during final exams, any student who misses the proctored exam will receive an “F” for the course.

PROCTORED EVENT REQUIREMENT

Due to the uncertainties of COVID-19, this event will not be proctored for Summer Semester 202016. Students will complete the event, but will not be required to come on campus to do it.

The event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students who do not complete the event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved by the instructor of the course, 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. Events will be given after the 65% point of the semester. **Students who do not complete the event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be withdrawn from the course with a “WF” (Withdrawn Failing). If the event is scheduled during final exams, any student who misses the event will be issued an “F” (Failing) for the course.**

ACADEMIC ENGAGEMENT REWARD (ONLINE MATH)

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. To emphasize the importance of homework, 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 equals an individual test category test grade recorded in the Blackboard (BB) gradebook. In contrast, 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 watching the rewarded Lecture Videos located in Mathxl 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 Rewarded Lecture Videos. You will earn another 100 if you complete an additional 5 hours in the Study Plan or Rewarded 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. Zeros will be assigned.

30% Chapter Tests: No makeup tests are allowed, but an Academic Engagement Reward can be earned to help with one low test chapter grade. See the Academic Engagement Reward Section. In addition, a Proctored Exam Reward is offered to help with another low test grade in this category. A higher grade on the Final Exam and/or Proctored Exam will benefit your final average as long as the grade on said items is higher than a chapter test grade. (This reward does not replace the Homework Test Grade, Proctored Exam, or Final Exam.)

30% Proctored Exam (Summer): No makeup is allowed unless a valid documented excuse has been provided within 3 days of the proctored exam. The student will still have to attend a late 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 counts 30%. Early arrangements would be best. A grade of "WF" (Withdrawn Failing) will be recorded which removes the student from Blackboard. Please see the Proctoring section of the syllabus for more details. The grade on this exam will also be used as a Chapter Test category reward allowing you to replace your lowest chapter test grade with the grade you make on this exam!! Do handwritten study and detailed step-by-step work for this exam by using the Study Guide provided in MathXL.

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.

Note from Instructor: Do not use cheating websites or other forms of dishonesty as such actions will have a detrimental effect on your preparedness for the Proctored Exam.

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" (Withdrawn Failing) 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 third 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 (TCSG) and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, gender, 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 nondiscrimination policy encompasses the operation of all technical college-administered programs, federally financed programs, educational programs and activities involving admissions, scholarships and loans, student life, and athletics. It also applies to the recruitment and employment of personnel and contracting for goods and services.

All work and campus environments shall be free from unlawful forms of discrimination, harassment and retaliation as outlined under Title IX of the Educational Amendments of 1972, Title VI and Title VII of the Civil Rights Act of 1964, as amended, the Age Discrimination in Employment Act of 1967, as amended, Executive Order 11246, as amended, the Vietnam Era Veterans Readjustment Act of 1974, as amended, Section 504 of the Rehabilitation Act of 1973, as amended, the Americans With Disabilities Act of 1990, as amended, the Equal Pay Act, Lilly Ledbetter Fair Pay Act of 2009, the Georgia Fair Employment Act of 1978, as amended, the Immigration Reform and Control Act of 1986, the Genetic Information Nondiscrimination Act of 2008, the Workforce Investment Act of 1998 and other related mandates under TCSG Policy, federal or state statutes.

The Technical College System and Technical Colleges shall promote the realization of equal opportunity through a positive continuing program of specific practices designed to ensure the full realization of equal opportunity.

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

American With Disabilities Act (ADA)/Section 504 - Equity- Title IX (Students) – Office of Civil Rights (OCR) Compliance Officer	Title VI - Title IX (Employees) – Equal Employment Opportunity Commission (EEOC) Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 st Street, Vidalia Office 165 Phone: 912-538-3126 Email: Helen Thomas (hthomas@southeasterntech.edu)	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1 st Street, Vidalia Office 138B Phone: 912-538-3230 Email: Lanie Jonas (ljonas@southeasterntech.edu)

ACCESSIBILITY STATEMENT

Southeastern Technical College is committed to making course content accessible to individuals to comply with the requirements of Section 508 of the Rehabilitation Act of Americans with Disabilities Act (ADA). If you find a problem that prevents access, please contact the course instructor.

GRIEVANCE PROCEDURES

Grievance procedures can be found in the Catalog and Handbook located on Southeastern Technical College'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 [Southeastern Technical College Website](http://www.southeasterntech.edu) (www.southeasterntech.edu).

TECHNICAL COLLEGE SYSTEM OF GEORGIA (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 (SUMMER 202016)

Assessment/Assignment	Percentage
Homework	25%
Quizzes	10%
Tests & Final Exam	30%
Discussion Boards	5%
Proctored Exam (Cumulative)	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 (BB) 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 and includes the additional required items in the calculation such as the Discussion Boards and Proctored Exam.

25% Homework Category: The homework for this course is located in Mathxl. The average for homework will be transferred from Mathxl to the online Blackboard 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 (Online College Algebra): Your quiz average will be updated and displayed in Blackboard after major due dates around every two weeks. Individual quiz grades 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 options associated with each homework problem. In addition, make use of the Rewarded Videos and 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 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. Follow your syllabus lesson plan! Stay connected with your instructor and classmates. Our Blackboard course has a Send Email feature that gives you easy access to your classmates and instructor. Responses to these emails can be checked in our Office 365 College Email.

Can you work ahead of schedule? Yes. Students can work as fast as they want through the homework, quiz, and test assignments with the exception of the Proctored Exam. The date of the proctored exam will stay in place. Students are expected to use the lesson plan as a checklist of their progress. A **minimum** of 37.5 hours is required to meet academic engagement requirements in this course. Students working ahead of the lesson plan schedule must submit assignments **each week** in accordance with the academic engagement section on the syllabus.

Lesson Plan: The lesson plan that follows is set up as a checklist. It is your road map for the semester. Do not let the detailed nature intimidate you. The lesson plan is designed to guide you to meeting all requirements successfully. Read it first and complete the No Show Requirements promptly.

MATH 1111 Homework Guide and Lesson Plan

College Algebra, 7th Edition

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
<p>No Show Days and Beginning of Work Week 1</p> <p>May 26 – Due May 28</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>Access the Technology required to complete No-Show Requirements on Day 1.</p>	<p>Complete the Following during the time frame listed in column 1:</p> <ul style="list-style-type: none"> ○ First, login to Office 365 email found at portal.office.com or under the mySTC tab to setup your email and set your three security questions so you can change your password. Email Username: 9XXXXXXXX@students.southeasternte.ch.edu Password: STC Password (New Students should change their passwords here and use the new password in the next step.) ○ Second, login to Blackboard (BB) by first going to mySTC on our website and clicking on the BB icon. Username: 9XXXXXXXX Password: STC Password ○ Read the announcement in BB, explore the course, and review everything. Organize information separately in notebooks for each course you take. ○ Select the Start Here! menu option in BB and complete the getting started items as part of the no show requirements. (Getting Started Presentation, 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 <u>and</u> the Mathxl Course ID provided in the Mathxl section in our BB course. (DUAL enrollment students should get the access code from the college bookstore as part of the program.) ○ Start a notebook for all important 	<p>NA</p>

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
			<p>documents, video notes, homework notes, quiz notes, and test notes.</p> <ul style="list-style-type: none"> ○ Working ahead of schedule 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>Work Week 1 continued</p> <p>Start May 26 – Due June 3 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 and Chapters P.4-P.6 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> (DB) with 2 replies. Discussion Boards are always located in Blackboard. This one is located in the Start Here section. ○ Complete your <u>first post</u> to <i>Discussion Board 1</i> found in BB under the Discussion Boards menu item. The 	<p>CC: 1,2,5 GC: A, B, C</p>

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
			<p>two + replies can be done during the next work week.</p> <ul style="list-style-type: none"> ○ Check your College Email found at portal.office.com or mySTC each day! ○ Note that the average you make on homework by the end of the semester will also count as a Test Grade. (i.e.100 HW = 100 individual Test Category grade recorded in the BB grade book.) ○ Contact the instructor if you have any worries, concerns, or an office meeting is needed. ○ End Work Week 1. Feel free to begin the next week early. 	
<p>Work Week 2 June 4 – Due June 10</p>	<p>Chapter P Continued</p> <p>Chapter 1 Equations and Inequalities</p>	<p>Chapter P Continued</p> <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"> ○ Start Work Week 2. ○ 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! Important!! ○ Complete homework assignments for Chapters 1.1-1.3 and start 1.4-1.5 Homework. 	<p>CC: 1,2,3,5 GC: A,B,C</p>
<p>Work Week 3 June 11 – Due June 17</p>	<p>Chapter 1 continued</p>	<p>Chapter 1 continued</p>	<ul style="list-style-type: none"> ○ 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. ○ Complete the homework assignment for Chapters 1.4-1.5 and 1.6 -1.7. 	<p>CC: 1,2,3, 5 GC: A,B,C</p>

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
			<ul style="list-style-type: none"> ○ 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. ○ Check your Office 365 College Email each day! ○ Ask specific homework questions through college email if you have them please. 	
Work Week 4 June 18 – Due June 24	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 2+ replies to <i>Discussion Board 2</i>. ○ 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. 	CC: 3, 5 GC: A,B,C
Work Week 5 June 25 – Due July 1	Chapter 2 continued	Chapter 2 continued	<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. 	CC: 3, 5 GC: A,B,C

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
			<ul style="list-style-type: none"> ○ Check College Email daily. ○ Notice all of chapter 3 is due next week. Prepare for Chapter 3. 	
Work Week 6 July 2 – Due July 8	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! 	CC: 1, 3 GC: A,B,C
Work Week 7 July 9 – Due July 15	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. If the problem indicates no calculator, please follow those instructions. Students have trouble with some of the graphing in this section. Be sure you give yourself time to figure this out and ask question far before the last day. ○ 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 	CC: 2,3,5 GC: A,B,C

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework Use as a Check List	Competency Area
			be done during the next work week. ○ Check College Email Daily. ○ Prepare for Chapters 5 & 6. All is due next week!	
Work Week 8 July 16 – July 22 Proctored Exam Day Must Be Completed This Week			○ Complete the Study Guide for the proctored exam – Counts as a Homework Grade ○ No Resources allowed on the proctored exam. Study properly. ○ 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. ○ Start Chapter 5 & 6 Homework.	CC: 1,2,3,5 GC: A,B,C
Work Week 9 July 23 – Due July 30	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	○ 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. No 5&6 Test will be given, but questions will be on the Final Exam. ○ Meet the deadline for the Final Exam Study Guide Quiz. Use your three chances wisely. ○ Complete the final by the July 30 deadline.	CC: 4,5 GC: A,B,C
Final Due July 30	Final	Cumulative Final Exam	○ Complete the Final Exam Study Guide Quiz. ○ Complete the Final Exam.	CC: 1,2,3,4,5 GC: A,B,C

COURSE COMPETENCY AREAS (CC): TAKEN FROM STATE STANDARDS

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 (GC):

- 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 work as expected are rewarded in the following ways.)

- The Proctored Exam Grade will replace your lowest chapter test grade in the 30% Test Category if it is higher than a chapter test grade. (It does not replace the Homework Test Grade or the Final Exam.) This is worth studying for!
- The Academic Engagement Reward will allow you to replace your lowest chapter test grade in the 30% Test Category with the grade you make on the Final Exam if it is higher than a chapter test grade. See this section of the syllabus so you can ensure you meet the requirements.
- 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 allowing you to earn up to two additional quiz 100 grades in MathXL.
- 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.
- 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.

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 will be deducted.

Discussion Board Rubric – Discussion Board Grading

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	15 POINTS All required postings are completed by the deadline. Some posts are not completed	10 POINTS All or some of the required posts are completed at the last minute without allowing time for others to	5 POINTS MP: Some of the required postings are missing which limits the student's ability	0 POINTS Did not meet the requirements.

Criteria & Achievement Level	20 POINTS OUTSTANDING (100%)	15 POINTS PROFICIENT (75%)	10 POINTS BASIC (50%)	5 POINTS BELOW EXPECTATIONS (25%)	0 POINTS (0%)
	others have time to respond.	in time for others to read and respond.	respond. MP: One or more of the required postings are missing limiting the student's ability to meet the criteria.	to meet the criteria.	
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.