MATH 1111 College Algebra
COURSE SYLLABUS – Web-enhanced
Summer Semester 2020 - 202016

COURSE INFORMATION
Credit Hours/Minutes: 3/2250
Campus/Class Location: Swainsboro / Room 2106 Building 2
Class Meets: 8:00 – 9:45 a.m., Tuesday and Thursday (TR)
Course Reference Number (CRN): 60198
Preferred Method of Contact: College Email

INSTRUCTOR CONTACT INFORMATION
Instructor Name: Mr. Jamie Powers
Office Location: Swainsboro Campus, Building 2, Room 2106
Office Hours: 8:00am – 12:00pm Monday/Wednesday Swainsboro Campus
Email Address: Jamie Powers jpowers@southeasterntech.edu
Phone: 478-289-2221
Fax Number: 478-289-2214
Tutoring Hours (if applicable): Made by appointment with instructor

This course is taught in a hybrid format. Hybrid classes require students to complete a portion of the required contact hours traditionally by attending classes on campus while completing the remaining portion online at the student's convenience with respect to the instructor's requirements.

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).

NO REQUIRED TEXT
Purchase of a textbook is optional. The course uses: Blitzer, R. College Algebra (seventh edition). New Jersey: Prentice Hall. Student Text ISBN 13: 978-0-13-446916-4

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 (www.mathxl.com) after the course has started and you have the MathXL Course ID needed to register. The student will be given instructions to register for MathXL during class. The student will need to register for MathXL by obtaining the MathXL Course ID from the menu in their online course.

Supplies: Three ring binder notebook, computer access, loose-leaf paper, pencils (all math problem work must be done in pencil), highlighter, graphing calculator (TI-83 or TI-84), and graph paper.). Cellphones or other electronic devices cannot used be in the course. Daily, Monday through Thursday, 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 Georgia Virtual Technical Connection (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 (HYBRID)

Students are expected to keep assigned work in a notebook and pass competency tests at scheduled times. Students are also expected to do all homework and assignments as scheduled and are expected to have all

supplies and access to software required by the course syllabus. Some courses may be web-enhanced or hybrid and require the use of Blackboard, textbook websites, or textbook software. Quizzes and homework grades may be given at any time without prior notice, and makeups or late work on these assessments may or may not be accepted upon the discretion of the instructor. Students are expected to show high-quality, detailed work and/or explanations when completing all assignments. Students taking a hybrid math course are expected to spend a minimum of the hybrid required time doing those assignments out of class time.

A software program called MathXL is required. Students meet these requirements by completing Mathxl homework, quizzes, and by using Mathxl homework tutorial features such as the videos, Study Plan, View an Example button, etc. Most MathXL work is to be completed out of class time. Campus computers are available for use for students who do not have proper access at home. Students are expected to use home computers, the Math Classroom or other labs on campus to complete MathXL assignments.

HYBRID ATTENDANCE

Class attendance is a very important aspect of a student's success. Being absent from class prevents students from receiving the full benefit of a course and interrupts the learning process. Southeastern Technical College considers both tardiness and leaving early as types of absenteeism. Responsibility for class attendance rests with the student. Regular and punctual attendance at all scheduled classes is required for student success. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Instructors have the right to give unannounced quizzes/assignments. Students who miss an unannounced quiz or assignment will receive a grade of 0. Students who stop attending class, but do not formally withdraw, may receive a grade of "F" (Failing 0-59) and face financial aid repercussions in upcoming semesters.

Instructors are responsible for determining whether missed work may be made up and the content and dates for makeup work is at the discretion of the instructor.

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. 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.

(COREQ STUDENTS: NOTE THAT 0090 AND 1111 ATTENDANCE ARE CONNECTED. SEE YOUR 0090 COURSE.)

ATTENDANCE GUIDELINES ADDENDUM

Students who are absent, for any reason, are responsible for contacting other classmates to determine what was missed and what is due. Continued progress on MathXL assignments is expected during absences. Due dates that occur during a scheduled school / work event should be planned for and completed early.

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), 478-289-2274, Building 1, Room 1208
Vidalia Campus: Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

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), 478-289-2274, Building 1, Room 1208
Vidalia Campus: Helen Thomas (hthomas@southeasterntech.edu), 912-538-3126, Building A, Room 108

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 accessed due to the withdrawal. A grade 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.

ACADEMIC ENGAGEMENT REWARD (20% HYBRID MATH 1012)

Students who are academically engaged **each work week** will receive a reward to replace a low test grade in the 50% category of the grading policy. Work Weeks begin on Tuesday and ends on Monday. The only time not included is class time.

- Students must make a 70+ on at least one required **weekly** mathxl homework assignment, quiz, or test on any day during the week **excluding** class time. Students who are working ahead of schedule still must submit early assignments each week to meet this requirement. (Note: **All** assignments for each chapter should be completed by the instructor's due date to ensure a student passes the course); **and**,
- Students must attend 90% of the scheduled F2F class meetings. 3 tardies = an absence. 3 early departures = an absence. Tardiness/departures over 10 minutes will be counted by minutes towards an absence.

Students who meet the academic engagement expectation will be allowed to replace their lowest, 50% category, competency/chapter 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 attendance 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

15% Homework: MathXL: 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 problem if the resources are used. Please note that the average you make on homework by the end of the semester will also count as a test grade in the Test Category. (For example, a 100 HW average = an individual test category test grade recorded in the Blackboard (BB) gradebook. It is worth noting that a low homework average will result in a low test grade being recorded in BB.) **Makeup on Textbook or In-Class Homework:** A one class-day late policy may be allowed when text or class homework is given. The instructor may allow the student to turn it in on the next schedule class day, but the highest grade allowed will be an 80.

10% Quizzes: No makeups are allowed on MathXL 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 with (Rewarded) in the title. 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 group of videos is unreasonable when most videos are 10 minutes or less. A max of 2 hours will be will be allowed in those cases.) Some in-class quizzes may be given. The highest allowed will be an 80 if a makeup is granted.

50% Chapter Tests: No makeup tests are allowed, but an Academic Engagement Reward can be earned. If granted due to extenuating circumstances, the highest allowed will be an 80 due to the extended time the student had to study.

25% Final Exam: No makeup is allowed unless a valid documented excuse has been provided.

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" (Withdrawal 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 1st Street, Vidalia Office 108 Phone: 912-538-3126 Email: Helen Thomas hthomas@southeasterntech.edu	Lanie Jonas, Director of Human Resources Vidalia Campus 3001 East 1st 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 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 Southeastern Technical College Website (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

Assessment/Assignment	Percentage
Homework	15%
Quizzes	10%
Tests	50%
Final Exam	25%

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.

15% 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. Textbook Homework or In-Class Homework may be given. The grade achieved will also be recorded in MathXL to average with the other homework grades.

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.

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.

20% Hybrid Instructional Activities for the following Lesson Plan: Students can meet this requirement by completing the MathXL _weekly_ assignments for each chapter which includes homework and quizzes. Homework has built in tutorial features and MathXL has an additional Study Plan section. MathXL records the grades, time spent and the dates completed. Students are required to spend a minimum of 7.5 hours on these items outside of class time to meet the 20% criteria. This hybrid time _does not include_ the time it takes to complete all homework requirements and study time. See the section on the syllabus that details the time it may take you to complete requirements out-of-class time.

MATH 1111 College Algebra

Lesson Plan

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
~4 Instructional Hours (Chapter P: 4 X 2 = +/-8 more working hours may be required to complete and learn all expectations for Chapter P.	**Chapter P: Fundamental Concepts of Algebra** • 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 Once determined each week, official due dates will be documented in MathXL with the assignment. If students are working after each class day as expected, due dates will not be an issue. Tests are given in a variety of formats such as online, paper/pencil, Part1/Part2, etc. Students will be informed as a part of class. Some chapters may be grouped and students may have cumulative tests as determined by the instructor.	**Student Expectations and 20% Hybrid Instructional Activities to be completed out-of-class time:** Mathxl Homework and Quizzes are provided for you to meet the course requirements. Due Dates and times are recorded in MathXL as determined by day to day progress during class time. Dates will be announced then or over email. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **MathXL Homework Chapter P:** Register for Mathxl and complete the Chapter P Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. We will discuss registration for MathXL during day 1 of class. **Additional Homework:** Students are expected to read the text (etext) to add detail to class notes. The textbook will be referenced during classroom lectures.	CC: 1,2,5 GC: A, B, C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
		The instructor may require additional homework. **Quiz(zes):** Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter P Test:** Date or Due Date determined by the instructor as determined by class progress.	
~10 Instructional Hours	**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 • 1.5: Quadratic Equations and applications • 1.6: Other Types of Equations (optional topics covered (opt)): rational equations, radical equations, absolute value) • 1.7: Linear Inequalities and Absolute Value Inequalities (opt)	**MathXL Homework Chapter 1 (20% Hybrid):** Complete the Chapter 1 Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework. **Quiz(zes):** Class quizzes are determined based on need each week. MathXL quizzes	CC: 1,2,3,5 GC: A,B,C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
		should be done as scheduled. **Chapter 1 Test:** Determined weekly by the instructor.	
~10 Instructional Hours	**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 (opt)	**MathXL Homework Chapter 2 (20% Hybrid):** Complete the Chapter 2 Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework. **Quiz(zes):** Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter 2 Test:** Determined weekly by the instructor.	CC: 3, 5 GC: A,B,C
~5 Instructional Hours	**Chapter 3: Polynomial and Rational Functions** • 3.1: Quadratic Functions	**MathXL Homework Chapter 3 (20% Hybrid):** Complete the Chapter 3	CC: 1, 3 GC: A,B,C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
	• 3.2: Polynomial Functions and Their Graphs • 3.3: Dividing Polynomials: Remainder and Factor Theorems • 3.4: Zeros of Polynomial Functions • 3.6: Polynomial (quadratic) and Rational Inequalities • 3.7: Modeling Using Variation (opt)	Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework. **Quiz(zes) (20% Hybrid):** Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter 3 Test:** Determined weekly by the instructor.	
~6 Instructional Hours	**Chapter 4: Exponential and Logarithmic Functions** • 4.1: Exponential Functions including applicatons • 4.2: Logarithmic Functions including applications • 4.3: Properties of Logarithms • 4.4: Exponential and Logarithmic Equations • 4.5: Exponential Growth and Decay: Modeling Data	**MathXL Homework Chapter 4 (20% Hybrid):** Complete the Chapter 4 Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL.	CC: 2,3,5 GC: A,B,C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
		80% Face to Face Activities During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework. **Quiz(zes)(20% Hybrid):** Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter 4 Test:** Determined weekly by the instructor.	
~2.5 Instructional Hours	**Chapter 5: Systems of Equations and Inequalities plus optional topics at the discretion of the instructor** • 5.1: Systems of Linear Equations in Two Variables including applications • 5.2: Systems of Linear Equations in Three Variables (opt) • 5.4: Systems of Nonlinear Equations in Two Variables (opt) • 5.5: Systems of Inequalities (opt)	**MathXL Homework Chapter 5 (20% Hybrid):** Complete the Chapter 5 Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail	CC: 4 GC: A,B,C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
		to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework. **Quiz(zes) (20% Hybrid):** Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter 5 Test:** Determined weekly by the instructor.	
Worked into Schedule	**Chapter 6: Matrices and Determinants: Optional Topics upon the discretion of the instructor.** • 6.3: Matrix Operations and Their Applications (opt) • 6.5: Determinants and Cramer's Rule (opt)	**MathXL Homework Chapter 6: Optional Topics upon the discretion of the instructor. (20% Hybrid)** Complete the Chapter 6 Homework found under the Homework and Tests Button. Whatever is discussed in class is the homework to be done in MathXL by the next class day. Final due dates will be set in MathXL. **80% Face to Face Activities** During class, we will have questions, lectures, class quizzes, work, and tests. **Additional Homework:** Students are expected to read the text to add detail to class notes. The textbook will be referenced during classroom lectures. The instructor may require additional homework.	CC: 4,5 GC: A,B,C

Hours/Minutes 37.5 hours = 2250 minutes	Chapter/Content/Objectives	Assignments The instructor will determine exact dates during class time.	Competency Area
		Quiz(zes) (20% Hybrid): Class quizzes are determined based on need each week. MathXL quizzes should be done as scheduled. **Chapter 6 Test:** Determined weekly by the instructor.	
Worked Into Schedule	Additional Optional Topics (opt) may be included upon the discretion of the instructor. See the KMS State Standard in your Blackboard Course.	Additional Options Topics	5 b,c
Final Exam	Final Exam Math Competency Exam	Final Exam Math Competency Exam	1,2,3,4,5 a, b, c
Total Instructional Time = 37.5 hours			

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 (WEBENHANCED)
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 Academic Engagement Reward will allow you to replace your lowest chapter test grade in the 50% Test Category with the grade you make on the Final Exam if it is higher than a test grade. This does not include the Homework Test. Thus, extensive preparation for the final exam can be very helpful.
- 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 during the semester or final exam day, will allow you to add points to your final 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 50% 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.