



**CRN 60131 MATH 1112 / College Trigonometry
COURSE SYLLABUS
ON LINE
Summer Semester (202116)**

COURSE INFORMATION

Credit Hours/Minutes: 3/2250

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

Class Meets: Via Internet for __9__ weeks

Course Reference Number (CRN): 60131

Preferred Method of Contact: College Email [Don Davis \(ddavis1@southeasterntech.edu\)](mailto:ddavis1@southeasterntech.edu)

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Mr. Don Davis

Email Address: [Don Davis \(ddavis1@southeasterntech.edu\)](mailto:ddavis1@southeasterntech.edu)

Vidalia/Office Location: Vidalia Main Building Room 409

Office Hours: MR Monday; Thursday 4:00-5:00pm Blackboard Collaborate On Line Classroom or by Appointment

Phone: 912-538-1957

Fax Number: 912-538-3156

Tutoring Hours: MR Monday; Thursday 4:00-5:00pm Blackboard Collaborate On Line Classroom or by Appointment

SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND HANDBOOK

Students are responsible for all policies and procedures and all other information included in Southeastern Technical College's [Catalog and Handbook \(https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf\)](https://catalog.southeasterntech.edu/college-catalog/downloads/current.pdf).

NO REQUIRED TEXT

Purchase of a textbook is not required. MathXL access (ISBN 13: 978-0-13-430969-9) is required and includes an e-text: Lial, Margeret L. (et al) Trigonometry, 11th Edition. New Jersey: Prentice Hall. To purchase an optional (not required) copy of the text : Trigonometry, Books a la carte , 11th Edition Student Text (ISBN 13: 978-0-13-431513-3) 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 \(www.MathXL.com\)](http://www.MathXL.com) after the course has started. Students will find the MathXL Course ID (this is not the access code that you will purchase) 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), all exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither STC, 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 complete online course work.

Internet access is required to complete the MathXL work. Students may work on assignments away from the STC campus if they have reliable internet service available. In addition, if using his or her own personal computer each student should perform the software check provided through the MathXL program.

All students have an email address that can be accessed through the MySTC portal on the STC homepage. Students are encouraged to use this email address when registering for MathXL, but students may use any valid email address.

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 trigonometric concepts. Topics include trigonometric functions, properties of trigonometric functions, vectors and triangles, inverse of trigonometric functions, graphing of trigonometric functions, and complex numbers.

MAJOR COURSE COMPETENCIES

Topics include: fundamental concepts of trigonometry; trigonometric functions and their properties, vectors and triangles, inverse trigonometric functions, graphing trigonometric functions and complex numbers.

PREREQUISITE(S)

STC Regular Admission and Math 1111 with C or better

COURSE OUTLINE

1. Trigonometric functions
2. Properties of trigonometric functions
3. Vectors and triangles
4. Inverse of trigonometric functions and graphing of trigonometric functions
5. Complex numbers

GENERAL EDUCATION CORE COMPETENCIES

Southeastern Technical College 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. 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 will have at least one week to complete tests and assignments. The majority of tests and assignments are due by 11:59 p.m. on Wednesday of each week and are scheduled on the Syllabus Lesson Plan for math and included as Due Dates in MathXL.

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 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. (Please note: most students spend more hours than the minimum.) Students are expected to communicate frequently through college email, Blackboard Collaborate on line classroom sessions and Discussion Boards. College email is accessed at <https://portal.office.com>, under Quick links on our webpage, or in the menu of your Blackboard course.

Student Progress at 25% and 75 % Checkpoint: Students who are not passing must discuss progress with Instructor and develop plan for success. Intervention at 25% and 75% of Course Schedule

COVID-19 MASK REQUIREMENT

Masks or face coverings must be worn at all times while on the campus of Southeastern Technical College. This measure is being implemented to reduce COVID-19 related health risks for everyone engaged in the educational process. Masks or face coverings must be worn over the nose and mouth, in accordance with the Centers for Disease Control and Prevention (CDC). A student's refusal to wear a mask or face covering will be considered a classroom disruption and the student may be asked to leave campus and/or receive further discipline.

COVID-19 SIGNS AND SYMPTOMS

We encourage individuals to monitor for the signs and symptoms of COVID-19 prior to coming on campus.

If you have experienced the symptoms listed below or have a body temperature 100.4°F or higher, we encourage you to self-quarantine at home and contact a primary care physician's office, local urgent care facility, or health department for further direction. Please notify your instructor(s) by email and do not come on campus for any reason.

COVID-19 Key Symptoms
Fever or felt feverish
Cough: new or worsening, not attributed to another health condition
Shortness of breath, not attributed to another health condition
New loss of taste or smell
Chills; Repeated shaking with chills
Sore throat, not attributed to another health condition
Muscle pain, not attributed to another health condition or exercise
Headache, not attributed to another health condition
Diarrhea (unless due to known cause)
In the past 14 days, if you:
Have had close contact with or are caring for an individual diagnosed with COVID-19 at home (not in healthcare setting), please do not come on campus and contact your instructor (s).

COVID-19 SELF-REPORTING REQUIREMENT

Students, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using the [COVID_19 Health Reporting Form https://bit.ly/2Xq4g0f](https://bit.ly/2Xq4g0f). Report all positive cases of COVID-19 to your instructor and [Stephannie Waters](mailto:swaters@southeasterntech.edu), Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

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 by 11:59 p.m. on Wednesday of each week and are scheduled on the lesson plan for online math and included as Due Dates in MathXL.

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.

PROCTORED EVENT REQUIREMENT

Due to the uncertainties of COVID-19, this event will not be proctored for Summer Semester 202116. 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.**

EXIT EXAM

There is no Exit Exam. The course does require completion of a comprehensive Final Examination, which counts as 30% of the course grade. Each student will also take a standardized Math Competency Exam at the end of the Semester. This Exam is used by STC to measure the effectiveness of Mathematics instruction. Students may have points added to their comprehensive Final Examination grade at the Instructors discretion based on their performance on the Math Competency Exam.

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

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.

ACADEMIC DISHONESTY POLICY

The Southeastern Technical College Academic Dishonesty Policy states that 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 Southeastern Technical College Catalog and 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" (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 \(www.southeasterntech.edu\)](http://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	20%
Discussion Boards	5%
Quizzes	5%
Tests / Exams	20%
Mid Term Exam	20%
Proctored Final Exam (Cumulative) PROCTORED EVENT see Syllabus (due to the	30%

Assessment/Assignment	Percentage
uncertainties of COVID-19, this event will not be proctored for Summer Semester 202116. Students will complete the event, but will not be required to come on campus to do it).	

GRADING SCALE

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

The Blackboard Gradebook is the official gradebook for the course.

MATH 1112

College Trigonometry

Summer Semester 2021 (202116) Lesson Plan

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework; MXL = MathXL Use as a Check List HW, Quizzes, Exams are Completed in MXL	Competency Area
No Show Days and Beginning of Work Week 1 Due May 19th	Start Here!	First Days of Class Learn how to use Office 365 email first. Orient yourself to your math online course. Complete the checklist of items in the next column.	Complete the No Show Requirements: *Set up your MathXL account by May 19th to avoid being dropped from the course. *Course agreement pledge. *Send Instructor an email. Student Introduction Discussion Board	NA
Work Week 2 Due May 26th	Chapter 1 Trigonometric Functions	1.1: Angles 1.2: Angle relationships and similar triangles 1.3: Trigonometric functions 1.4: Using the definitions of trigonometric functions	1.1 Homework 1.2 Homework 1.3 Homework 1.4 Homework 1.1-1.4 Quiz Ch. 1 Exam Discussion Board 1 Due	CC: 1, 2, 5 GC: A, B, C CC: 1, 2, 5 GC: A, B, C
Work Week 3 Due June 2nd	Chapter 2 Acute angles and Right triangles	2.1: Trigonometric functions of acute angles 2.2: Trigonometric functions of non-acute angles 2.3: Approximations of trigonometric functions values 2.4: Solutions and applications of right triangles 2.5: Further applications of right triangles	2.1 Homework 2.2 Homework 2.3 Homework 2.1-2.3 Quiz 2.4 Homework 2.5 Homework 2.4-2.5 Quiz Ch. 2 Exam	CC: 1, 2, 5 GC: A, B, C CC: 1, 2, 5 GC: A, B, C

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework; MXL = MathXL Use as a Check List HW, Quizzes, Exams are Completed in MXL	Competency Area
Intervention Checkpoint 25% June 2nd		Students who are not passing must discuss with their Instructor and student must develop a plan for success	25% Intervention Checkpoint	
Work Week 4 Due June 9th	Chapter 3 Radian Measure and the Unit Circle	3.1: Radian Measure 3.2: Applications of radian measure 3.3: The Unit Circle and Circular Functions 3.4: Linear and Angular speed	3.1 Homework 3.2 Homework 3.3 Homework 3.4 Homework Ch. 3.1-3.4 Quiz Ch. 3 Exam	CC: 1, 2, 3, 5 GC: A, B, C
Work Week 5 Due June 16th	Chapter 4 Graphs of Circular Functions	4.1: Graphs of the Sine and Cosine functions 4.2: Translations of the graphs of Sine and Cosine Functions 4.3: Graphs of the Tangent and Cotangent Functions 4.4: Graphs of the Secant and Cosecant Functions 4.5: Harmonic Motion	4.1 Homework 4.2 Homework 4.3 Homework Ch. 4.1-4.3 Quiz Ch. 4.4 Homework Ch. 4.5 Homework Ch. 4.4-4.5 Quiz Ch. 4 Exam Discussion Board 2 Due	CC: 1, 2, 3, 5 GC: A, B, C
Work Week 5 Due June 16th	Chapter 1 Chapter 2 Chapter 3 Chapter 4	Mid Term Exam (20% of final course average)	Chapter 1 Chapter 2 Chapter 3 Chapter 4 Mid Term Exam Discussion Board 3 Due	
Work Week 6 Due June 23rd	Chapter 5 Trigonometric Identities	5.1: Fundamental Identities 5.2: Verifying Trigonometric Identities 5.3: Sum and Difference Identities for Cosine 5.4: Sum and Difference Identities for Sine and Tangent 5.5: Double Angle	5.1 Homework 5.2 Homework 5.3 Homework 5.1-5.3 Quiz 5.4 Homework 5.5 Homework 5.6 Homework 5.4-5.6 Quiz Ch. 5 Exam	CC: 3, 5 GC: A,B,C

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework; MXL = MathXL Use as a Check List HW, Quizzes, Exams are Completed in MXL	Competency Area
		Identities 5.6: Half Angle Identities		
Work Week 7 Due June 30th	Chapter 6 Inverse Circular functions and Trigono- metric Equations	6.1: Inverse Circular Functions 6.2: Trigonometric Equations 6.3 Trigonometric Equations II 6.4 Equations involving inverse trigonometric functions	6.1 Homework 6.2 Homework 6.3 Homework 6.4 Homework 6.1-6.4 Quiz Ch. 6 Exam	CC: 3, 5 GC: A,B,C
Intervention Checkpoint 75% Due June 30th		Students who are not passing must discuss with their Instructor and student must develop a plan for success	75 % Intervention Checkpoint	
HOLIDAY WEEK JULY 5- JULY 8		SUMMER BREAK		
Work Week 8 Due July 14th	Chapter 7 Application of Trigono- metry and Vectors	7.1: Oblique triangles and the Law of Sines 7.2: The ambiguous case of the Law of Sines 7.3: The Law of Cosines 7.4: Geometrically defined Vectors and Applications 7.5: Algebraically defined Vectors and the Dot Product	7.1 Homework 7.2 Homework 7.1-7.2 Quiz 7.3 Homework 7.4 Homework 7.3-7.4 Quiz 7.5 Homework Ch 7 Exam	CC: 4, 5 GC: A,B,C
Work Week 9 Due July 21st	Chapter 8 Complex Numbers, Polar Equations, and Parametric Equations	8.1: Complex Numbers 8.2: Polar form of Complex numbers 8.3: The Product and Quotient Theorems 8.4: De Moivre's Theorem 8.5: Polar Equations and Graphs 8.6: Parametric	8.1 Homework 8.2 Homework 8.3 Homework 8.1-8.3 Quiz 8.4 Homework 8.5 Homework 8.6 Homework 8.4-8.6 Quiz Ch 8 Exam	CC: 5 GC: A,B,C

Date Week	Chapter	Content/Objectives	Assignments, Assessments, and Due Dates BB = Blackboard; HW = Homework; MXL = MathXL Use as a Check List HW, Quizzes, Exams are Completed in MXL	Competency Area
		Equations, Graphs and Applications	Discussion Board 4 Due	
Week 10 Due July 26th		Math Competency Exam	Math Competency Exam Discussion Board 5 Due	All
Week 10 Due July 26th		ALL MATHXL WORK Optional Topics at Instructors Discretion	ALL MATHXL WORK DUE for any assignments with a due date extended by the Instructor	All
Week 10 Due Wednesday July 28th	Final Exam	Final Exam PROCTORED EVENT REQUIRED TO PASS COURSE	Due July 28th	CC: 1-5 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.

Discussion Board Rubric:

Your grade for each discussion board posting will be either a 100, 50, or 0. The overview of each grade is listed below:

Note: There is no minimum word count criterion for each discussion; however, your discussion board grade for each post is contingent upon your response providing a thoughtful and adequate reply to the given outline.

100 – Your post provides a thoughtful response to each aspect of the outlined discussion.

50- Your post provides thoughtful responses to some but not all aspects of the outlined discussion.

0- You did not respond to the discussion board post.

Discussion Boards are located in Blackboard.

The instructor reserves the right to change the syllabus and/or lesson plan as necessary