



TENTATIVE—SUBJECT TO CHANGE

ECCE 2116 Math and Science COURSE SYLLABUS

Summer Semester 2023

On Campus Course With 50% or Less of Instruction Online

COURSE INFORMATION SUMMER

Credit Hours/Minutes: 3/3000

Class Location: Vidalia, Main Building Room 317

Class Meets: 40% Online/60% Face To Face Tuesday and Wednesday 8:00-9:50

Course Reference Number (CRN): 60025

Preferred Method of Contact: College Email

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Mindy Sumner

Email Address: [Mindy Sumner \(msumner@southeasterntech.edu\)](mailto:msumner@southeasterntech.edu)

Campus/Office Location: Vidalia Main Building, Room 316

Office Hours: Monday and Thursday 8:00 A.M. – 12:00 P.M. and Wednesday 2:00 P.M.-4:00 P.M.

Phone: 912-538-3256

This course requires students to complete a portion of the required contact hours by attending classes on campus while completing the remaining portion online as shown on the Lesson Plan.

SOUTHEASTERN TECHNICAL COLLEGE'S (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).

REQUIRED TEXT

Math and Science For Young Children, 8th Edition; Author: Rosalind Charlesworth

ISBN: 978-1-305-08895-5

REQUIRED SUPPLIES AND SOFTWARE

Reliable access to internet, Microsoft Excel, and Microsoft Word. Internet browser should be Internet Explorer (IE) 7 or higher or Mozilla Firefox 2.0 or higher. If you do not have computer access, see your instructor for information regarding use of open labs on both Swainsboro and Vidalia campuses.

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.

COURSE DESCRIPTION

This course presents the process of introducing math and science concepts to young children. It includes planning and implementation of developmentally appropriate activities and development of math and science materials, media and methods. Topics include inquiry approach to learning; cognitive stages and developmental processes in developing math and science concepts with children birth to five; cognitive stages and developmental processes in developing math and science concepts with children in kindergarten and primary grades; planning math and science activities; and development of math and science materials, media and methods.

MAJOR COURSE COMPETENCIES

Topics include:

1. Inquiry approach to learning.
2. Cognitive stages and developmental processes in developing math and science concepts with children birth to five.
3. Cognitive stages and developmental processes in developing math and science concepts with children in kindergarten and primary grades.
4. Planning math and science activities.
5. Development of math and science materials, media, and methods.

PREREQUISITE(S)

ECCE 1103

COURSE OUTLINE

1. Inquiry Approach to Learning
2. Cognitive/Developmental Processes in Math/Science with Children Birth to Age Five
3. Cognitive/Developmental Processes in Math/Science with Children in Kindergarten to Primary Grades
4. Planning Math and Science Activities
5. Development of Math and Science Materials, Media and Methods

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

Students are expected to complete all tests and assignments by the due dates. NO assignments will be accepted after due dates and a grade of 0 will be assigned for all incomplete work. The ECCE instructor requires students to submit all assignments through the Blackboard learning systems. Exams will be taken on Blackboard and outside of class. Students are required to submit all work in **Microsoft Word**. Blackboard assignment submissions which are not submitted through **Microsoft Word** will not receive credit.

Assignments are to be submitted through drop box or discussion boards only!

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week during the semester doing the required homework, quizzes, and tests. Students are expected to communicate frequently through college email and discussion boards. College email and other STC resources can be

accessed from the [mySTC](#) tab on STC's Website. Email can also be accessed in the menu of your Blackboard course.

Within the first three days of class, ALL students must:

- Complete Online Orientation Quiz in Blackboard
- Complete the Pledge Acknowledgment in Blackboard.
- Syllabus Quiz

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.

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: Emily Jarrell (ejarrell@southeasterntech.edu), 478-289-2259, Building 1, Room 1210.

Vidalia Campus: Helen Thomas (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 appropriate arrangements with the appropriate campus coordinator.

Swainsboro Campus: Emily Jarrell (ejarrell@southeasterntech.edu), 478-289-2259, Building 1, Room 1210.

Vidalia Campus: Helen Thomas (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.

CRIMINAL RECORDS CHECK

National Fingerprint-Based Criminal History Background Check: All students enrolled in ECCE 1121 Practicum and ECCE 2245 and 2246 Internship must undergo a fingerprint-based criminal history background check through a local Cogent Systems site and receive a Satisfactory Determination Letter from the Georgia Department of Early Care and Learning before beginning their Practicum or Internship at childcare facilities. It is the responsibility of the student to pay the fingerprint-based criminal history background check fee. Students assigned to an internship or practicum at a site that is not required to be licensed may not be subject to the fingerprinting requirement. These students, however, may be required to meet similar or other standards established by the local board of education. Additional standards may be established by individual site operators which must be met before a placement at a particular site for internship or practicum is finalized. The final approval of a placement is contingent upon acceptance by the individual center/facility operator.

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

Failure to take the tests will result in a grade of zero. No make-up exams are allowed. If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the exam will be reset. Instructor reserves the right to deduct points from the exam scores for exceeding the scheduled time limit on the exam. Assignment due dates are listed on the syllabus. Therefore, you are expected to have the assignment completed at the beginning of class on the date that it is due. **There will be NO MAKEUP of Final Exams!**

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

As set forth in the student catalog, Southeastern Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, veteran status, or citizenship status (except in those special circumstances permitted or mandated by law).

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@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@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
Tests	25%
Activity Plans/Performance	40%
Class Assignments	30%
Discussion Board	5%

GRADING SCALE

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

ECCE 2116 Math and Science Summer Semester 2023 Lesson Plan

Date/Week	Content	Assignments	Competency Area
Week 1 Week of 5/15	-Go Over Syllabus -Chapter 3 Lecture	<u>In Class:</u> -Nothing Due <u>Online: Due Monday, 5/22 at Midnight</u> -Complete Module 1 in Blackboard	2, 5 a, b, c
Week 2 Week of 5/22	-Chapter 4 Lecture -How To Write An Activity Plan	<u>In Class:</u> -Nothing Due <u>Online: Due Tuesday, 5/30 at Midnight</u> -Complete Module 2 in Blackboard	1, 2, 5 a, c

Date/Week	Content	Assignments	Competency Area
Week 3 Week of 5/29	-Chapter 5 Lecture	<u>In Class:</u> Due Tuesday, 6/6 at beginning of Class -Seriation or Ordering File Folder Due <u>Online:</u> Due Monday, 6/5 at Midnight -Complete Module 3 in Blackboard	1, 5 a, b, c
Week 4 Week of 6/5	-Chapter 6 Lecture	<u>In Class:</u> Due Tuesday, 6/13 at beginning of class -Measuring or Graphing File Folder Due <u>Online:</u> Due Monday, 6/12 at Midnight -Complete Module 4 in Blackboard	1, 5 a, b, c
Week 5 Week of 6/12	-Chapter 8 Lecture	<u>In Class:</u> Due Tuesday, 6/20 at beginning of class -Patterning File Folder- work on this in class -Teach Math Activity to the Class (With Activity Plan) work on this in class <u>Online:</u> Due Tuesday, 6/20 at Midnight -Complete Module 5 in Blackboard	1, 5 a, b, c
Week 6 Week of 6/19	-Chapter 9 Lecture	<u>In Class:</u> Due Tuesday, 6/27 at Beginning of Class -Teach Science Activity to Class (With Activity Plan) <u>Online:</u> Due Monday, 6/26 at Midnight -Complete Module 6 in Blackboard	5 a, b, c
Week 7 Week of 6/26	-Chapter 10 Lecture	<u>In Class:</u> Due Tuesday, 6/11 at Beginning of Class -Part Whole File Folder Due <u>Online:</u> Due Monday, 7/10 at Midnight -Complete Module 7 in Blackboard	2, 3, 5 a, b, c

Date/Week	Content	Assignments	Competency Area
Week 8 Week of 7/10	-Chapter 11 Lecture	In Class: Due Tuesday, 7/18 at Beginning of Class -Classifying or Comparing File Folder Due -Present Math and Science Center Projects Online: Due Monday, 7/17 at Midnight -Complete Module 8 in Blackboard	1, 4 a, b, c
Week 9 Week of 7/17	-Chapter 12 Lecture	Online: Due Monday, 7/24 at Midnight -Complete Module 9 in Blackboard	1, 4, 5 a, b, c

COMPETENCY AREAS:

1. Inquiry approach to learning,
2. Cognitive stages and developmental processes in developing math and science concepts with children birth to five,
3. Cognitive stages and developmental processes in developing math and science concepts with children in kindergarten and primary grades,
4. Planning math and science activities,
5. Development of math and science materials, media, and methods.

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.

WRITING RUBRIC

NAME _____ DATE _____

ASSIGNMENT _____

Criteria	4	3	2	1
Neatly written/typed according to directions	The paper was very neatly written or typed— according to directions	The typing or handwriting was neat	The typing or handwriting was somewhat neat	The paper was lacking in the area of neatness
Length	The length was completely appropriate or was longer than required	The paper was within a few lines of being appropriate length	The paper was approximately $\frac{3}{4}$ as long as it should be	The paper was less than $\frac{1}{2}$ the length it should be

Criteria	4	3	2	1
On topic	The entire paper was on topic	Most of the paper was on topic	The paper remained somewhat on topic	Half or more of the paper was not on topic
Spelling/Grammar	There were no more than 2 spelling errors/1 grammar error	There were no more than 3 spelling errors and/or 2 grammar errors	There were no more than 3 spelling errors and/or 3 grammar errors	There were more than 3 spelling errors and/or 3 grammar errors
Main Idea(s) /Supporting Details/Cohesion	The paper contained proper main idea(s), properly developed supporting ideas and was cohesive	The paper contained proper main idea(s), developed supporting ideas but was lacking in cohesion	The paper had main idea(s), poorly developed supporting ideas and cohesion was lacking	The paper did not have a proper main idea, and/or supporting details and/or cohesion

Grammar Errors: fragments, run-on sentences, subject-verb agreement...

Total points _____ X 5 = _____

Comments

Discussion Board RUBRIC

Students will be required to answer discussion board questions that will be posted within Blackboard. The topics will be posted at least a week prior to the due date. The discussions should be detailed and thoroughly answer the topic. Also, students will be required to respond to at least one answer posted by their classmates. The responses should include why you do or do not agree with the student's response. It is ok to disagree with your classmate on his/her answer but the responding student should be professional in his/her response to his/her classmate. Be constructive in discussing these topics with your classmates.

1 POST 1 REPLY

Students who post their initial discussion board response to the discussion board topic and respond to at least one answer posted by their classmate will be given a 100 on the assignment if the post is turned in by the due date and free of grammatical and spelling errors. The student will receive a 10 point deduction for each day the discussion post is turned in past the due date. The student will receive a one point deduction for each grammatical and spelling error in the student's discussion post. A 30 point deduction will be given to any student who only responds to their classmate with an answer of "yes/no" or "I agree/disagree."

1 POST 0 REPLY

Any student that does not respond to at least one answer posted by their classmates will not receive a grade above 70 on the discussion post. The grade of 70 will be the highest grade that the student will be able to receive on the discussion post if the post is turned in by the due date and free of grammatical errors and spelling errors. The student will receive a 10 point deduction for each day the discussion post is turned in past the due date. The student will receive a one point deduction for each grammatical and spelling error in the student's discussion post.

0 POST1 REPLY

Students who only respond to a classmate's discussion post will not receive a grade above 50 on the discussion topic. The grade of 50 will be the highest grade that the student will be able to receive on the discussion response if the response is turned in by the due date and free of grammatical errors and spelling errors. The student will receive a 10 point deduction for each day the discussion response is turned in past the due date. The student will receive a one point deduction for each grammatical and spelling error in the student's discussion response.

0 POST0 REPLY

Students will receive a 0 on the discussion topic if the student does not post an answer or response to a classmate's discussion post.