



TENTATIVE (SUBJECT TO CHANGE)

ECCE 2116 Math and Science

COURSE SYLLABUS

FALL Semester 2022 (202312)

Course With >50% and <100% of Instruction Online

COURSE INFORMATION SUMMER

Credit Hours/Minutes: 3/3000

Campus/Class Location: Swainsboro Building 2, Room 2125

Class Meets: 60% F2F Monday and Wednesday 10:15-11:15/ 40% Online

Course Reference Number (CRN): 20052

Preferred Method of Contact: College Email

INSTRUCTOR CONTACT INFORMATION

Instructor Name: Kay Wilson

Email Address: [Kay Wilson \(kwilson@southeasterntech.edu\)](mailto:kwilson@southeasterntech.edu)

Campus/Office Location: Swainsboro Building 2, Room 2125

Office Hours: Monday-Thursday 7:00-4:00

Phone: 478-289-2213

Fax Number: 478-289-2276

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 \(https://catalog.southeasterntech.edu/\)](https://catalog.southeasterntech.edu/).

REQUIRED TEXT

Math and Science for Young Children-11th Edition; Author: Charlesworth

International Standard Book Number (ISBN): 978-1-305-08895-5

REQUIRED SUPPLIES & SOFTWARE

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.

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

STUDENT REQUIREMENTS

To pass the class, students must complete all assignments on the syllabus. Students will have at least one week to complete tests and assignments. **All tests and assignments are due at 11:59 P.M. on Monday of each week.** Assignments must be keyed in Microsoft Word, saved, uploaded, and attached for grading in Blackboard.

Students are expected to prove weekly academic engagement by meeting assignment deadlines each week during the semester doing the required homework, discussion boards, tests and assignments. Students are expected to communicate frequently through college email and discussion boards.

The student is expected to complete all work on the attached lesson plan. Online students are responsible for checking emails and Blackboard announcements DAILY. Homework assignments MUST be completed by the date specified; assignments may be submitted early. Discussion boards MUST be completed by the date specified; assignments may be submitted early. Tests MUST be completed by the date specified. Tests are posted and students who miss a test will be assigned a grade of zero. Please do not wait until the last moment to submit in case you have internet problems with your computer. If internet or browser failure occurs, contact the instructor immediately by email.

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

- Complete Online Orientation Quiz in Blackboard.
- Complete the Pledge Acknowledgment in Blackboard.
- Complete the COVID 19 Presentation and Acknowledgment
- Complete the Syllabus Quiz in Blackboard.

ATTENDANCE POLICY

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.

COVID-19 MASK REQUIREMENT

Regardless of vaccination status, masks or face coverings must be worn at all times while in a classroom or lab 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
Chills
Shortness of breath or difficulty breathing (not attributed to any other health condition)
Cough: new or worsening, not attributed to another health condition

COVID-19 Key Symptoms
Fatigue
Muscle or body aches
Headache
New loss of taste or smell
Sore throat (not attributed to any other health condition)
Congestion or runny nose (not attributed to any other health condition)
Nausea or vomiting
Diarrhea
COVID-19 Key Symptoms

COVID-19 SELF-REPORTING REQUIREMENT

Students, regardless of vaccination status, who test positive for COVID-19 or who have been exposed to a COVID-19 positive person, are required to self-report using <https://www.southeasterntech.edu/covid-19/>. Report all positive cases of COVID-19 to your instructor and Stephannie Waters, Exposure Control Coordinator, swaters@southeasterntech.edu, 912-538-3195.

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.

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Swainsboro Campus: Daphne Scott [Daphne Scott \(dscott@southeasterntech.edu\)](mailto:dscott@southeasterntech.edu) 478-289-2274, 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: [Daphne Scott \(dscott@southeasterntech.edu\)](mailto:dscott@southeasterntech.edu) 478-289-2274, Building 1, Room 1210

Vidalia Campus: 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 the 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...)

There are no make-up exams or assignments in an online class. Students have a week to complete assignments. If Internet or browser failure occurs, contact instructor immediately. A student who needs an exam reopened must come to campus to take the test.

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:

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

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	30%
Assignments	65%
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
Fall Semester 202312 Lesson Plan
IC In Class OL Online

Date/Week/Due	Chapter(s)	Content	Assignments	Competency Area
Week 1 8/15-8/22 Due Monday, 8/22 by 11:59 P.M.	Chapter 3	Prekindergarten and Kindergarten Concepts and Skills	IC-Read Syllabus OL-Read Chapter 3 IC-Review Chapter 3 Power Point OL-Complete Chapter 3 Terms IC-Review How To Write An Activity Plan Information folder	1, 2, 5 a, c
Week 2 & 3 8/22-9/5 Due Tuesday, 9/5 by 11:59 P.M.	Chapter 4	More Prekindergarten and Kindergarten Concepts and Skills	IC-Read Chapter 4 OL-Review Chapter 4 Power Point OL-Complete Chapter 4 Terms OL-Classifying Lesson Activity Plan Due IC-Discussion Board 1	1, 2, 5 a, c
Week 4 & 5 9/5-9/19 Due Monday, 9/19 by 11:59 P.M.	Chapter 5	Ordering, Measurement, and Data Collection and Analysis	OL-Read Chapter 5 IC-Review Chapter 5 Power Point OL-Complete Chapter 5 Terms IC-Pattern Lesson Activity Plan Due OL-Discussion Board 2	3, 4, 5 a, c
Week 6 & 7 9/19-10/3 Due Monday, 10/3 by 11:59 PM	Chapter 6	Integrating the Curriculum	OL-Read Chapter 6 IC-Review Chapter 6 Power Point OL-Complete Chapter 6 Terms IC-Test Over Chapters 3, 4, 5, 6 OL-Discussion Board 3	3, 4, 5 a, c
Week 8 & 9 10/3-10/17 Due Monday, 10/17 by 11:59 PM	Chapter 8	Whole Number Operations, Patterns and Fractions	OL-Read Chapter 8 IC-Review Chapter 8 Power Point OL-Complete Chapter 8 Terms IC-Seriation Lesson Plan Due OL-Begin working on Math Center	3, 4, 5 a, c
Week 10 & 11 10/17-10/31 Due Monday, 10/31 by 11:59 PM	Chapter 9	Place Value, Geometry, Data Analysis, and Measurement	OL-Read Chapter 9 IC Review Chapter 9 Power Point OL-Complete Chapter 9 Terms IC-Math Center Due OL-Discussion Board 4	3, 4, 5 a, c

Date/Week/Due	Chapter(s)	Content	Assignments	Competency Area
Week 12 10/31-11/7 Due Monday, 11/7 by 11:59 P.M.	Chapter 10	Overview of Primary Science: Life Science and Physical Science	OL-Read Chapter 10 IC-Review Chapter 10 Power Point OL-Complete Chapter 10 Terms OL-Begin working on Science Center ICTest Over Chapters 8, 9, 10 OL-Discussion Board 5	3, 4 a, b, c
Week 13 11/7-11/14 Due Monday, 11/14 by 11:59 P.M.	Chapter 11	Earth and Space Sciences, Environmental Awareness, Engineering, Technology and Science Applications	OL-Read Chapter 11 IC-Review Chapter 11 Power Point OL-Complete Chapter 11 Terms IC-Science Activity Plan Due OL-Continue working on Science Center	3, 4 a, b, c
Week 14 & 15 11/14-11/28 Due Monday, 11/28 by 11:59 P.M.	Chapter 12	Materials and Resources: Math and Science in the Classroom and the Home	OL-Read Chapter 12 IC-Review Chapter 12 Power Point OL-Complete Chapter 12 Terms IC-Science Center Due OL-Final Exam of Chapters 11, 12	3, 4 a, b

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.

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 POST 1 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 POST 0 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.