



**CIST2129 COMPREHENSIVE DATABASE TECHNIQUES
COURSE SYLLABUS
Online
Summer Semester 202016**

COURSE INFORMATION

Credit Hours/Minutes: **4/5250**

Campus/Class Location: **Swainsboro Building 2, Room 2106**

Class Meets: **Online Via Internet for 9 weeks**

Course Reference Number (CRN): **60034**

Preferred Method of Contact: **Southeastern Technical College Office 365 email**

INSTRUCTOR CONTACT INFORMATION

Instructor Name: **Mr. Jamie Powers**

Office Location: **Swainsboro Campus, Building 2, Room 2106**

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

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

Phone: **478-289-2221**

Fax Number: **478-289-2214**

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

SOUTHEASTERN TECHNICAL COLLEGE (STC) CATALOG AND HANDBOOK

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

REQUIRED TEXT

Students do not need to purchase a book if they purchase a Cengage Access Card. Cengage Unlimited Printed Access card: 4 months access 978-0-357-70003-7; 1 year access 978-0-357-70004-4; 2 year access 978-0-357-70005-1

The actual printed book is SC Series® Microsoft® Access 2016: Comprehensive Edition Loose Leaf, Pratt/Last, ISBN 978-1-337-25107-5

REQUIRED SUPPLIES & SOFTWARE

Microsoft Access 2016, Internet connection, Browser requirement is Internet Explorer 9 or higher, Mozilla Firefox (recommended) or Google Chrome. Students will have access to Office 365 to download Access 2016 however. Students will be saving their assignments to the Blackboard drop box and Completing work in SAM

Note: Although students can use their smart phones and tablets to access their online course(s), exams, 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 provides a study of databases beginning with introductory topics and progressing through advanced development techniques. Topics include: advanced database concepts, advanced development techniques, data integration concepts, and troubleshooting and supporting databases.

MAJOR COURSE COMPETENCIES

1. Demonstrate the ability to effectively design, create and manage a database
2. Construct and relate tables to enforce referential integrity
3. Apply advanced techniques of form design to be used to enter and modify data
4. Develop queries including queries that filter, update and display data in varying Forms
5. Design reports which include headers and footers, grouping and sorting, subtotals and totals

PREREQUISITE(S)

None

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 also expected to complete all chapter work, project assignments, and tests on the dates specified on the included lesson plan. Assignments will be submitted via Blackboard through a Chapter Dropbox, and SAM. Late assignments will not be accepted. Students who miss any assignment, test, or project will receive a grade of 0.

ONLINE ATTENDANCE

It is the student's responsibility to be academically engaged each week doing course related activities. The completion dates of these activities will be used to determine a student's last date of attendance in the event a student withdraws, stops attending, or receives an "F" (Failing 0-59) in a course.

Students will not be withdrawn by an instructor for attendance; however, all instructors will keep records of graded assignments and student participation in course activities. Students will be expected to complete all work required by the instructor as described in the individual course syllabus.

Students will have at least one week to complete tests and assignments. All tests and assignments are due at 11:55 PM on Monday of each week. Exceptions to the due dates of assignments due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

STUDENTS WITH DISABILITIES

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

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

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

SPECIFIC ABSENCES

Provisions for Instructional Time missed because of documented absences due to jury duty, military duty, court duty, or required job training will be made at the discretion of the instructor.

PREGNANCY

Southeastern Technical College does not discriminate on the basis of pregnancy. However, we can offer accommodations to students who are pregnant that need special consideration to successfully complete the course. If you think you will need accommodations due to pregnancy, please make arrangements with the appropriate campus coordinator.

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

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

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

WITHDRAWAL PROCEDURE

Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% point of the term in which student is enrolled (date will be posted on the school calendar) must speak with a Career Counselor in Student Affairs and complete a Student Withdrawal Form. A grade of "W" (Withdrawn) is assigned for the course(s) when the student completes the withdrawal form.

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

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

There is no refund for partial reduction of hours. Withdrawals may affect students' eligibility for financial aid for the current semester and in the future, so a student must also speak with a representative of the Financial Aid Office to determine any financial penalties that may be assessed due to the withdrawal. A grade of "W" will count in attempted hour calculations for the purpose of Financial Aid.

PROCTORED EVENT

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

The event may be a major exam, assignment, or presentation, etc. that will count a minimum of 20% of the course grade. Students who do not complete the event as scheduled must submit a valid documented excuse within three business days after the scheduled event. If the excuse is approved by the instructor of the course, students must make arrangements with the instructor to makeup/reschedule the missed event. The penalty and makeup instructions will be at the instructor's discretion. Events will be given after the 65% point of the semester. **Students who do not complete the event on the scheduled date and do not present a valid documented excuse within three business days of the scheduled event will be withdrawn from the course**

with a "WF" (Withdrawn Failing). If the event is scheduled during final exams, any student who misses the event will be issued an "F" (Failing) for the course.

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

Students are required to take all tests scheduled during the semester. Failure to take Tests/Exam(s), and Lab assignments **will result in a grade of zero. There will be no makeup of Tests/Exams, Review Questions, or Labs.** 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 and/or requiring student to come to campus to take the final exam. **Note:** If student notifies instructor about exam problems because of technical issues after the due date or on the last day of the semester, the student will NOT be allowed to make-up the exam. **No exceptions! Assignments must be turned in on the assigned date and will not be accepted late, a grade of zero will be given. ALL Assignments are due according to the lesson plan. The due dates are posted on the lesson plan. Weeks start on Monday and end on Sunday with assignments due on Monday at 11:55 PM. See Lesson Plan.**

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
Unannounced Quizzes	5%
SAM Projects	25%
SAM Project Exams	25%
SAM Training Exams	25%
Proctored Event/Exam (due to the uncertainties of COVID-19, this event will not be proctored for Summer Semester 202016. Students will complete the event, but will not be required to come on campus to do it).	20%

GRADING SCALE

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

CIST2129 COMPREHENSIVE DATABASE TECHNIQUES

Summer Semester 2020 Lesson Plan

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 1 May 26 – June 1	1	Intro to Course Syllabus-Lesson Plan Database and Database Objects	Read information under Getting Started Read Chapter 1 Complete Chapter 1 Training and Exam in SAM Complete Chapter 1 Project in SAM Login to the course on Blackboard Complete Pledge Acknowledgement and Student Introduction Complete Chapter 1 Book assignment, and submit to drop box in Blackboard Complete Chapter 1 Project Exam in SAM WEEK 1 ASSIGNMENTS DUE 11:55 PM JUNE 1	1,2 a,b,c
Week 2 June 2 – 8	2	Querying a Database Holiday Monday May 28	Read Chapter 2 Complete Chapter 2 Training and Exam in SAM Complete Chapter 2 Project in SAM Complete Chapter 2 Book assignment and submit to drop box in Blackboard Complete Chapter 2 Project Exam in SAM WEEK 2 ASSIGNMENTS DUE 11:55 PM JUNE 8	2,3 b

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 3 June 9 – 15	3	Maintaining a Database	Read Chapter 3 Complete Chapter 3 Training and Exam in SAM Complete Chapter 3 Project in SAM Complete Chapter 3 Book assignment and submit to drop box in Blackboard Complete Chapter 3 Project Exam in SAM WEEK 3 ASSIGNMENTS DUE 11:55 PM JUNE 15	1,2 a,b,c
Week 4 June 16 – June 22	4	Creating Reports and Forms	Read Chapter 4 Complete Chapter 4 Training and Exam in SAM Complete Chapter 4 Project in SAM Complete Chapter 4 Book assignment and submit to drop box in Blackboard Complete Chapter 4 Project Exam in SAM WEEK 4 ASSIGNMENTS DUE 11:55 PM JUNE 22	3,5 b
Week 5 June 23 – June 29	5	Multi-Table Forms	Read Chapter 5 Complete Chapter 5 Training and Exam in SAM Complete Chapter 5 Project in SAM Complete Chapter 5 Book assignment and submit to drop box in Blackboard Complete Chapter 5 Project Exam in SAM WEEK 5 ASSIGNMENTS DUE 11:55 PM JUNE 29	3,5 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 6 June 30 – July 6	6	Advanced Report Techniques	Read Chapter 6 Complete Chapter 6 Training and Exam in SAM Complete Chapter 6 Project in SAM Complete Chapter 6 Book assignment and submit to drop box in Blackboard Complete Chapter 6 Project Exam in SAM WEEK 6 ASSIGNMENTS DUE 11:55 PM JULY 7	5 a,b,c
Week 7 July 7 – 13	7	Advanced Form Techniques	Read Chapter 7 Complete Chapter 7 Training and Exam in SAM Complete Chapter 7 Project in SAM Complete Chapter 7 Book assignment and submit to drop box in Blackboard Complete Chapter 7 Project Exam in SAM WEEK 7 ASSIGNMENTS DUE 11:55 PM JULY 13	3 b
Week 8 July 14 – 20	8	Macros, Navigation Forms and Control Layouts	Read Chapter 8 Complete Chapter 8 Training and Exam in SAM Complete Chapter 8 Project in SAM Complete Chapter 8 Book assignment and submit to drop box in Blackboard Complete Chapter 8 Project Exam in SAM WEEK 8 ASSIGNMENTS DUE 11:55 PM JULY 20	3,4 a,b,c

Date/Week	Chapter/Lesson	Content	Assignments & Tests Due Dates	Competency Area
Week 9 July 21 – July 29	8	Macros, Navigation Forms and Control Layouts	Read Chapter 9 Complete Chapter 9 Training and Exam in SAM Complete Chapter 9 Project in SAM Complete Chapter 9 Book assignment and submit to drop box in Blackboard Complete Chapter 9 Project Exam in SAM WEEK 9 ASSIGNMENTS DUE 11:55 PM JULY 26	3,4 b
Final Exam July 30	1 – 8	Comprehensive Final	FINAL EXAM MUST BE COMPLETED BY 11:30 PM THURSDAY JULY 30	1,2,3,4,5 a,b,c

COMPETENCY AREAS: (WILL VARY FOR EACH COURSE/TAKEN FROM STATE STANDARDS)

1. Demonstrate the ability to effectively design, create and manage a database
2. Construct and relate tables to enforce referential integrity
3. Apply advanced techniques of form design to be used to enter and modify data
4. Develop queries including queries that filter, update and display data in varying Forms
5. Design reports which include headers and footers, grouping and sorting, subtotals and totals

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.