



# CIST 1220 Structured Query Language (SQL) COURSE SYLLABUS

**HYBRID**

Summer Semester 2017 Fiscal Year 201716

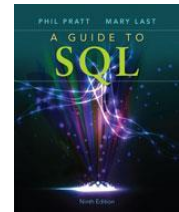
**\*\*TENTATIVE – SUBJECT TO CHANGE**

**Semester:** Semester 2017 FY 201716  
**Course Title:** Structured Query Language (SQL)  
**Course Number:** CIST 1220  
**Credit Hours/ Minutes:** 4 /5250  
**Class Location:** Room #2106 Bldg 2 Swainsboro Campus  
**Class Meets:** Mon. & Wednesday 8:00am – 11:05am /9 weeks 60% in class and 40% online  
**CRN:** 60176

**Instructor:** Jamie Powers  
**Office Hours:** 1:00-4:30 p.m. Monday and Wednesday  
**Office Location:** Office 2106, Bldg. 2 Swainsboro  
**Email Address:** [jpowers@southeasterntech.edu](mailto:jpowers@southeasterntech.edu)  
**Phone 478-289-2221**  
**Fax Number:** 478-289-2214

**Tutoring Hours:** MW 1:00 – 4:00 PM

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



**REQUIRED TEXTS:** Pratt & Last, A Guide to SQL, Course Technology, Massachusetts 2015. (ISBN: 1-111-52727-X or 978-1-111-52727-3 **Students are required to have all books and supplies on the first day of class.**

**REQUIRED SUPPLIES:** one 3 ring binder notebook, loose-leaf paper, pens, pencils, and 1 Flash USB Drive.

**Note:** Although students can use their smart phones and tablets to access the online portion of their course(s), exams, discussions, assignments, and other graded activities should be performed on a personal computer. Neither BLACKBOARD nor 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 the online portion of the course.

**COURSE DESCRIPTION:** Includes basic database design concepts and solving database retrieval and modification problems using the SQL language. Topics include: database Vocabulary, Relational Database Design, Date retrieval using SQL, Data Modification using SQL, Developing and Using SQL Procedures.

**PREREQUISITES:** CIST 1001

**MAJOR COURSE COMPETENCIES/OUTLINE:** Database Vocabulary, Relational Database Design, Date retrieval using SQL, Data Modification using SQL, and Developing and Using SQL Procedures.

**GENERAL EDUCATION CORE COMPETENCIES:** STC has identified the following general education core competencies that graduates will attain:

- The ability to utilize standard written English.
- The ability to solve practical mathematical problems.
- The ability to read, analyze, and interpret information.

**STUDENT REQUIREMENTS (Hybrid):** Students are expected to complete all work shown on the attached assignment sheet. Students are also expected to complete all tests and comprehensive problems on the dates specified on the attached calendar. Assignments will be saved **via the Remote Lab Information Delivery System (IDS) in the P: Drive – CIST 1220 folder using the MySQL program text editor, Notepad ++, and/or Word 2013.** Assignments are given with numerous days to complete; therefore **no assignment will be accepted late. After the due date a grade of zero will be given.** 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 responsible for policies and procedures included in the *STC Catalog*. **CIST program students must earn a minimum grade of C in this course. Unannounced quizzes/assignments may be given. Students who miss an unannounced quiz or assignment will receive a grade of 0.**

**Discussion Board topics** must be appropriate to the class. Spelling and Grammar are considered part of the grade. Posted content should fully answer the question. Short 1 to 2 sentence posts will not be sufficient. See Discussion Board rubric below. **Complete your initial post by Wednesday and all replies by the Monday due date.**

**EMAILS: Preferred method of communication should be through STC EMAIL.** Make sure that you always type your name and class in the subject line of every email you send me so I know which class you are in. **For example: CIST1220 Powers**

**CHECKING GRADES:** A grade book is made available in the BLACKBOARD course on the main page when students log in. This grade book is for students to review and is continuously updated throughout the semester. Students can view My Grades at any time to see the individual grades for each assignment. The overall percentage averages should display in the grade book to help track course progress.

**ATTENDANCE GUIDELINES:** 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 also 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 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.

**SPECIAL NEEDS:** Students with disabilities who believe that they may need accommodations in this class based on the impact of a disability are encouraged to contact Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu), to coordinate reasonable accommodations.

**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 advise me and make appropriate arrangements with Helen Thomas, 912-538-3126, [hthomas@southeasterntech.edu](mailto:hthomas@southeasterntech.edu).

**WITHDRAWAL PROCEDURE:** Students wishing to officially withdraw from a course(s) or all courses after the drop/add period and prior to the 65% portion of the semester (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" is assigned when the student completes the withdrawal form from the course.

Students who are dropped from courses due to attendance (see your course syllabus for attendance policy) after drop/add until the 65% point of the semester will receive a "W" for the course. Abandoning a course(s) instead of following official withdrawal procedures may result in a grade of 'F' being assigned.

After the 65% portion of the semester, the student will receive a grade for the course. (Please note: A zero will be given for all missed assignments.)

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. All grades, including grades of 'W', will count in attempted hour calculations for the purpose of Financial Aid.

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

**MAKEUP GUIDELINES:** Students are required to take all tests scheduled during the semester. Failure to take Tests/Exam(s), and assignments **will result in a grade of zero. There will be no makeup of assignments or EXAMS.** If Internet or browser failure occurs, contact instructor immediately. A decision will be made at that time if the assignment/exam will be reset. Instructor reserves the right to deduct points from the scores for exceeding the scheduled time limit on the assignment/exam. **Note: If student notifies instructor about 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 assignment. 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 Tuesday and end on Monday with assignments due on Monday at 11:55 PM. See Lesson Plan. Makeups are not allowed for unannounced quizzes/assignments.**

**No Harm No Foul Policy:** It is the student's responsibility to drop courses during the first three days by completing a withdrawal form with a Counselor in Student Affairs. If a student comes to class during the first three days or any day during this time, the student will be dropped with no penalty **only if** they have completed the Withdrawal Form with Student Affairs by the close of business on the third business day of the quarter. (For **Summer semester, that day will be May 22, 2017.**) **The student must formally withdraw from classes in order to receive the no harm-no foul benefit.** *If the student shows up the first day but does not return, the instructor will drop the student after the attendance period but that will not come under the no harm-no foul policy. The student will be charged for the class unless he/she formally withdraws.*

**DROPPING COURSES BEFORE THE CLASS HAS BEGUN:** Students wishing to withdraw from one or all courses prior to the first day of class need to go to Banner Web and drop their classes. Please note that a registration access number will be needed as well as a student's ID number and PIN. If the registration access number is unknown, the student will need to contact the registrar.

**ACADEMIC DISHONESTY POLICY:** The STC Academic Dishonesty Policy states All forms of academic dishonesty, including but not limited to cheating on tests, plagiarism, collusion, and falsification of information, will call for discipline. The policy can also be found in the STC Catalog and Student Handbook.

**Procedure for Academic Misconduct**

The procedure for dealing with academic misconduct and dishonesty is as follows:

**--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.

**--Second Offense--**

Student is given a grade of "WF" 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.

**--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 second 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 and its constituent Technical Colleges do not discriminate on the basis of race, color, creed, national or ethnic origin, sex, 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 school is in compliance with Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin; with the provisions of Title IX of the Educational Amendments of 1972, which

prohibits discrimination on the basis of gender; with the provisions of Section 504 of the Rehabilitation Act of 1973, which prohibits discrimination on the basis of handicap; and with the American with Disabilities Act (ADA).

The following individuals have been designated to handle inquiries regarding the nondiscrimination policies:

ADA/Section 504 - Equity- Title IX (Students) - OCR Compliance Officer	Title VI - Title IX (Employees) - EEOC Officer
Helen Thomas, Special Needs Specialist Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 108 Phone: 912-538-3126 hthomas@southeasterntech.edu	Blythe Wilcox, Director of Human Resources Vidalia Campus 3001 East 1 <sup>st</sup> Street, Vidalia Office 138B Phone: 912-538-3147 bwilcox@southeasterntech.edu

**GRIEVANCE PROCEDURES:** Grievance procedures can be found in the Catalog and Handbook located on STC's website.

**ACCESS TO TECHNOLOGY:** Students can now access Blackboard, Remote Lab Access, Student Email, Library Databases (Galileo), and BannerWeb via the mySTC portal or by clicking the Current Students link on the STC website at www.southeasterntech.edu.

Grading Policy		Grading Scale		
Exercises	25%	A	EXCELLENT	100-90
Review Ques	25%	B	GOOD	89-80
Unannounced Production Quizzes	15%	C	SATISFACTORY	79-70
Discussion Boards	10%	D*	POOR	69-60
Tests	25%	F*	FAILING	59 and below
Total	100%		* Grade of D or below results in student repeating the class	

**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.*

**\*\*Disclaimer Statements\*\***

**\*\*\*\*Instructor reserves the right to change the syllabus and/or lesson plan as necessary.\*\*\*\***

**\*\*\*The official copy of the syllabus is located inside the student's online course shell or will be given to them during face to face class time the first day of the semester. The syllabus displayed in advance of the semester in a location other than the course you are enrolled in is for planning purposes only.\*\*\***

Discussion Board Topics Grading Rubric					
Criteria Weight	Exceptional 100	Proficient 90	Satisfactory 70	Poor 50	Unacceptable 0
<b>Grammar/ Spelling</b>  <b>25.00 %</b>	No grammatical or spelling errors  <b>(25 points)</b>	Grammatical and spelling errors are few and cause no comprehension problems. <b>(22.5 points)</b>	Grammatical and spelling errors cause the reader to reread many parts of the post. <b>(17.5 points)</b>	Grammatical and spelling errors are frequent making posts confusing to read and comprehend. <b>(12.5 points)</b>	Grammatical and spelling errors are so numerous that the post is hard or impossible to comprehend.
<b>Posts &amp; Word Count</b>  <b>25.00%</b>	Posts early to allow time to read and reply Publishes at least one original post and at least one reply 125 - 150 words in main thread <b>(25 points)</b>	Posts early to allow others time to read and reply Publishes one post and one reply 80 – 124 words in main thread <b>(22.5 points)</b>	Posts at the last minute without allowing enough time for others to read and reply. Publishes one post and no replies 26 – 79 words in main thread <b>(17.5 points)</b>	Posts at the last minute without allowing enough time for others to read and reply. Publishes no posts and one reply 0-25 words in main thread <b>(12.5 points)</b>	Publishes no posts or replies
<b>Critical Thinking</b> <b>NO COPYING AND PASTING FROM WEBSITES.</b> <b>If any information comes from a website it must be cited as a resource.</b> <b>25.00%</b>	Content provides a thorough frame of reference for comprehending the solution; an original solution is provided. Numerous Resources listed <b>(25 points)</b>	Content provides appropriate factual data but is not original or complete to solve problem or topic. Resources listed <b>(22.5 points)</b>	Content attempts to solve problem or topic but is too vague or disorganized to completely comprehend solution. Few resources listed <b>(17.5 points)</b>	Content is not a realistic solution to the problem or topic. One resource listed <b>(12.5 points)</b>	Content fails to offer a conscientious solution to selected problem or topic. No resource listed
<b>Explanation</b>  <b>25.00%</b>	All Steps are covered. Questions are answered correctly. <b>(25 points)</b>	Most Steps are covered and answered correctly. <b>(22.5 points)</b>	Most steps are covered but not answered correctly. <b>(17.5 points)</b>	Less than half of the steps are covered and answered correctly. <b>(12.5 points)</b>	Less than half of the steps are covered and not answered correctly.

**CIST 1220 – STRUCTURED QUERY LANGUAGE (SQL)  
SUMMER Semester 2017 Lesson Schedule (Fiscal Year 2017)**

\*\*\*TENTATIVE – SUBJECT TO CHANGE

Date	Chapter / Lesson	Content	Assignments / Tests	Comp. Area
<b>GRAY AREAS INDICIATES WORK ONLINE</b>				
<b>Week 1</b>				
<b>Wed May 17</b>		Class Introduction – Syllabus, Outline, Rules, and Regulations Coverage, Completion of Forms Review Blackboard Course, Discussion Boards	<b>Login to Blackboard:</b> Complete each item Under – Weekly Assignments – Week 1	
Thurs 18	<b>1</b>	<b>Chapter 1</b> Introduction to Tal Distributors, Colonial Adventure Tours, and Solmaris Condominium Group	<b>COMPLETE EVEN</b> Number Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Word. Save to your P: drive CIST 1220 folder. Due this week</b>	
<b>**Week 1 assignments must be completed and turned in before 11:55 PM May 22</b>				
<b>Week 2</b>				
Mon 22			Complete Discussion Board Question 1 Chapter 1 Review Questions on Blackboard	<b>1 a,b,c</b>
Tues 23			<b>Chapter 1 Test</b>	
Wed 24	<b>2</b>	Load Oracle 11g Database Express Edition from Oracle Website (FREE). <u><i>See instructions on Blackboard announcement</i></u> <b>Chapter 2</b> Database Design Fundamentals	<b>Will need Oracle Database for Chapter 3 -8</b> No Exercises for Chapter 2 Complete Discussion Board Question 2	1,2 a,c
Thurs 25			Chapter 2 Review Questions on Blackboard	
<b>**Week 2 assignments must be completed and turned in before 11:55 PM May 30</b>				
<b>Week 3</b>				
Mon May 29	<b>HOLIDAY, NO CLASSES</b>			
Tues 30			<b>Chapter 2 Test</b>	
Wed 31	<b>3</b>	<b>Chapter 3</b> Creating Tables  <b>MUST HAVE ORACLE DATABASE 10 G EXPRESS LOADED TO COMPLETE WORK.</b>  <b>GET DATA FILES OFF THE STC DRIVE M: CIST\CIST1220 – SQL\ORACLE FOLDER</b>	<b>START ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run. Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial &amp; Solmaris Chp 3 YOURNAME to your CIST 1220 folder.</b>	3 a,b,c
Thurs June 1			Chapter 3 Review Questions on Blackboard	3 a,c
<b>**Week 3 assignments must be completed and turned in before 11:55 PM June 5</b>				
<b>Week 4</b>				
Mon 5			<b>Quiz 1</b>	
Tues 6			<b>Chapter 3 Test</b>	
Wed 7	<b>4</b>	<b>Chapter 4</b> Single-Table Queries	<b>START ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run. Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial &amp; Solmaris Chp 4 YOURNAME to your CIST 1220 folder.</b>	<b>3, a,b,c</b>
Thurs 8			Complete Discussion Board Question 4 <b>Quiz 2</b>	
<b>**Week 4 assignments must be completed and turned in before 11:55 PM June 12</b>				

Week 5				
Mon 12			Chapter 4 Review Questions on Blackboard	3, a,b,c
Tues 13			<b>Chapter 4 Test</b>	3, a,b,c
Wed 14	<b>5</b>	<b>Chapter 5 – Multiple-Table Queries</b>	<b>START ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run.</b> Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial & Solmaris Chp 5 YOURNAME to your CIST 1220 folder.	3, a,b,c
Thurs 15			Continue to work on Exercises for chapter 5	3, a,b,c
<b>**Week 5 assignments must be completed and turned in <a href="#">before 11:55 PM June 19</a></b>				
Week 6				
Mon 19		<b>See Announcement for Hints</b>	Chapter 5 Review Questions on Blackboard Complete Discussion Board Question 5	a,b,c
Tues 20			Quiz	
Wed 21			<b>Chapter 5 Test</b>	
Thurs 22			<b>Read Chapter 6</b>	
<b>**Week 6 assignments must be completed and turned in <a href="#">before 11:55 PM June 26</a></b>				
Week 7				
Mon June 26	<b>6</b>	<b>Chapter 6 – Updating Data</b>	<b>COMPLETE ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run.</b> Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial & Solmaris Chp 6 YOURNAME to your CIST 1220 folder.	4 a,b,c
Tues 27		<b>See Announcement for Hints</b>	Chapter 6 Review Questions	4
Wed 28			<b>Chapter 6 Test</b>	
Thurs 29			Read Chapter 7	
<b>**Week 7 assignments must be completed and turned in <a href="#">before 11:55 PM July 10</a></b>				
<b>Summer Break Monday July 3 – Thursday July 6, NO CLASSES!</b>				
Week 8				
Mon July 10	<b>7</b>	<b>Chapter 7 – Database Administration</b>	<b>BEGIN ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run.</b> Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial & Solmaris Chp 7 YOURNAME to your CIST 1220 folder.	5 a,b,c
Tues 11			<b>COMPLETE ALL</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run.</b> Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial & Solmaris Chp 7 YOURNAME to your CIST 1220 folder.	5 a,b,c
Wed 12			Chapter 7 Review Questions	
Thurs 13				
<b>**Week 8 assignments must be completed and turned in <a href="#">before 11:55 PM July 17</a></b>				

Week 9				
Mon 17			Chapter 7 Test	
Tues 18				
Wed 19	8	Chapter 8 –SQL Functions & Procedures	<b>COMPLETE 1-5, 8</b> Exercises (Colonial Adventure Tours and Solmaris Condominium Group) <b>using Oracle SQL Commands text editor and run. Copy and paste your command to a word document. Number the questions. Save the whole document as Colonial &amp; Solmaris Chp 8 YOURNAME to your CIST 1220 folder.</b>	5, a,b,c
Thurs 20				
Mon July 24			Chapter 8 Review Questions	a,b,c
Tues 25				
Wed 26		Last day of class - Semester Ends	<b>Chapter 8 Test DUE <u>by 12:00 NOON</u></b>	1,3,4,5
<b>**Week 9 assignments must be completed and turned in <u>before 11:55 PM July 26</u></b>				

\* Competency Areas:

1. Database Vocabulary
2. Relational Database Design
3. Date retrieval using SQL
4. Data Modification using SQL
5. Developing and Using SQL Procedure

\*General Core Competency Areas:

- 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.

**Students are responsible for all information contained in this lesson plan. This lesson plan is subject to change at instructor's discretion.**