This course offers practical, hands-on experience with relational concepts, basic Teradata SQL, BTEQ, and data types with Teradata Structured Query Language (SQL), using both ANSI standard conventions and Teradata extensions to the language.

This course is a subset of Teradata SQL Basics (formerly Teradata SQL, course #31926). This course includes topics needed to prepare for the Teradata Certified SQL Specialist exam.

The modules included are:  
1. Teradata SQL  
2. Simple BTEQ  
3. HELP, SHOW, EXPLAIN  
4. Data Types and Conversions

**Course Reviewed/Updated**  
September 2018

**Product Release Number(s)**  
This course is current as of Teradata Release 15.10.

**Course Objectives**  
Upon completion of this course, the student should be able to:

* Understand basic relational concepts and their implementation using SQL.
* Retrieve data using the SELECT statement.
* Use logical and arithmetic expressions.
* Choose the appropriate Teradata Data Type for column definitions.
* Use the Teradata Built-In Functions for providing system and session level information.
* Use the HELP and SHOW facilities to obtain information from the Data Dictionary about data structures associated with Teradata databases, users, tables, views, macros, and indexes.
* Use Teradata's DATE data type for date and time oriented reporting.
* Use BTEQ for simple SQL request processing.

**Target Audience**  
Individuals who design, administer, support, maintain or write applications for a Teradata Database.

**Additional Information**  
This Web-based training requires 7 hours to complete including reading, post-test and lab activities.

Tags: 54454, SQL, fundamentals, introduction, basics, DATE, SELECT, CAST, BTEQ, HELP, SHOW, EXPLAIN, TU#54454