

# SQL Server 2014: T-SQL Fundamentals

## Course Overview

This course will introduce students to SQL Server 2014 T-SQL fundamentals, as well as teach them about functions, flow, results, select, where, clauses, tables, and working with data.

### Chapter 01 - Introduction to T-SQL

58m

Topic A: Introduction to Transact-SQL - Part 1  
Introduction to Transact-SQL - Part 2  
Introduction to Transact-SQL - Part 3  
Topic B: Operators and Converting - Part 1  
Operators and Converting - Part 2  
Operators and Converting - Part 3  
Topic C: Null and Number Functions - Part 1  
Null and Number Functions - Part 2  
Null and Number Functions - Part 3

### Chapter 02 - Functions, Flow, Results

1h 7m

Topic A: String Functions - Part 1  
String Functions - Part 2  
String Functions - Part 3  
Topic B: Date and Global Functions - Part 1  
Date and Global Functions - Part 2  
Date and Global Functions - Part 3  
Topic C: Controlling Program Flow - Part 1  
Controlling Program Flow - Part 2  
Controlling Program Flow - Part 3  
Topic D: Ranking Results - Part 1  
Ranking Results - Part 2  
Ranking Results - Part 3

### Chapter 03 - Select, Where, Clauses, Tables

1h 37m

Topic A: Data Selection with SELECT - Part 1  
Data Selection with SELECT - Part 2  
Data Selection with SELECT - Part 3  
Topic B: The WHERE Clause - Part 1  
The WHERE Clause - Part 2  
The WHERE Clause - Part 3  
Topic C: GROUPBY and ORDERBY - Part 1  
GROUPBY and ORDERBY - Part 2  
GROUPBY and ORDERBY - Part 3  
Topic D: Joining Tables - Part 1  
Joining Tables - Part 2  
Joining Tables - Part 3

Topic E: Outer and Self Joins - Part 1  
Outer and Self Joins - Part 2  
Outer and Self Joins - Part 3

**Chapter 04 - Working with Data**

1h 18m

Topic A: Inserting Data - Part 1  
Inserting Data - Part 2  
Inserting Data - Part 3  
Topic B: Temp Tables, Output, Bulk Copy - Part 1  
Temp Tables, Output, Bulk Copy - Part 2  
Temp Tables, Output, Bulk Copy - Part 3  
Topic C: Updating and Deleting Data - Part 1  
Updating and Deleting Data - Part 2  
Updating and Deleting Data - Part 3  
Topic D: Understanding Transactions - Part 1  
Understanding Transactions - Part 2  
Understanding Transactions - Part 3

**Total Duration: 5h**