Course Title: MCSD 70-461 Querying Microsoft SQL Server 2012

Course Description: Prepare for MCSD SQL Server certification exam

Course Prerequisite(s): Database Fundamentals, SQL Server Essentials, SQL Programming, or equivalent experience

Certification Notes:

Next Class Possibilities: MCSD 70-462 Administering Microsoft SQL Server 2012 Database

Instructor Notes:

Textbook(s): Querying Microsoft SQL Server 2012
Publisher: Microsoft Press; ISBN: 978-0-7356-6605-4

Lesson Plan – by week or session
Session 1: Foundations of Querying
  Getting Started with the SELECT Statement
  Filtering and Sorting Data
  Combining Sets
Session 2: Grouping and Windowing
  Querying Full-Text Data
  Creating Tables and Enforcing Data Integrity
Session 3: Designing and Creating Views, Inline Functions, and Synonyms
  Inserting, Updating and Deleting Data
  Implementing Transactions, Error Handling, and Dynamic SQL
Session 4: Designing and Implementing T-SQL Routines
  Using Tools to Analyze Query Performance
  Implementing Indexes and Statistics
Session 5: Understanding Cursors, Sets and Temporary Tables
  Understanding Further Optimization Aspects

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