Course Outline:

Introduction to Business Intelligence (Course T701)

What is this course about?
Business Intelligence is the application of software technologies that enables business users to make better and faster decisions based on enterprise data. In this course, you are introduced to Data Warehousing and creating Business Intelligence solutions. You learn how to build and integrate Microsoft tools into a comprehensive business solution in order to achieve competitive advantage.

Who should attend?
Anyone who wants to implement business intelligence solutions including business analysts, database developers, project managers, enterprise architects, system designers and developers.

Duration:
3 Days

This course qualifies for:
1.8 CEUs
17 NASBA CPEs

Chapter 1: Business Intelligence Overview
- Introducing Business Intelligence
- The Business Value of BI
- The Challenges of BI
- Making the Business Case for BI
- Barriers to BI
- BI in the Marketplace

Chapter 2: Data Warehousing and Integration Services
- Data Warehouses and Star Schemas
- Course Case Study
- SQL Server Integration Services

Chapter 3: BI and SQL Analysis Services Multidimensional Models
- Introduction to Cubes
- Creating Dimensions With Analysis Services
- Creating and Browsing a Cube With Analysis Services
- Creating a KPI With Analysis Services
- Excel as an Analysis Services Client

Chapter 4: Tabular Models
- Self-Service BI and PowerPivot
- DAX
- Tabular Models
- DAX Time Intelligence Functions
Chapter 5: Reporting Services

- Introducing Reporting
- Authoring Simple Reports
- Other Report Types
- Reports Based on Analysis Services Cubes

Chapter 6: Extracting Insights With Data Mining

- Data Mining and Excel Overview
- Table Analysis Tools

Chapter 7: Course Summary

- Course Summary