| **SQL Server Administration Advanced** | Microsoft SQL Server™ |
| **2 days** | The enterprise relational database n |

Course Objectives

To give delegates an good overall grounding in the skills that are needed to be able to plan, implement and manage a SQL Server relational database infrastructure.

Prerequisites

It is recommended that students have good experience of windows and a basic understanding of SQL and relational database principals

Exercises

This course is instructor led, involving the utilisation of examples and exercises in a workshop environment.

Optimising SQL Server for Performance

- Performance Monitoring and Tuning Methodology
- Tools for Monitoring SQL Server
- Advanced performance management techniques and strategies

Transferring Data

- Tools for Transferring Data in SQL Server
- Introduction to Data Transformation Services

Maintaining High Availability

- Using Clustering with SQL Server
- SQL Server Log Shipping

Replication

- Introducing Replication
- Introduction to Distributed Data
- SQL Server Replication Agents and types
- Physical Replication Models
- Maintaining High Availability
- Planning and Using Multi-Instances