

Microsoft SQL Server System Administration Essentials

Course Length: 1 Day

The goal of this course is to provide students with the technical skills required to administer Microsoft® SQL Server™. Upon completion students will be able to install, configure and troubleshoot the client-server database management system of Microsoft SQL Server.



Course Outline:

- **SQL Server Overview:** Provide a high-level overview of Microsoft SQL Server
- **Managing Security:** Outline the SQL Server authentication modes and how to assign logins and permissions to users and roles
- **Managing Databases:** Discuss the creation, removal and modification of databases
- **Database Backups:** Provide a fundamental overview of the different SQL Server backup methods and how to employ the correct strategy
- **Database Restoration:** Provide an overview on how to restore databases including transaction logs and how to restore system databases
- **Automating Administrative Tasks:** Describe how to automate administrative tasks using SQL Server Agent
- **Monitoring SQL Server:** Discuss methods and tools that can be used to identify issues with SQL Server