



---

**Price:** \$ 795  
**Length:** 14 Hours (2 days)

---

**Introduction:** This two-day instructor-led course provides candidates with the knowledge and skills needed to use PowerShell for SQL Server administration. Students will learn how to manage day-to-day and scheduled maintenance tasks. The main focus will be administration of the database engine, but material & exercises on Analysis Services (SSAS) and Integration Services (SSIS) are also included.

---

**Target Audience:** This course is intended for SQL Server administrators who work in a Windows network environment. At least one year of experience administering SQL Servers and using PowerShell is recommended.

---

**Prerequisites:**

- Experience working on Windows desktops or servers
  - Experience working in a Windows domain environment
  - Experience Administering SQL Server Servers
  - Fundamental experience with PowerShell or Course 10961B – Automating Administration with Windows PowerShell
- 

**Objectives:**

At the end of the course, students will be able to:

- Install and Configure SQL Server and all its components using PowerShell
  - Manage day-to-day SQL Server Administration with PowerShell
  - Maintain the SQL Server environment using PowerShell scripting and programming options
- 

## Course Outline

### I. Install and Configure SQL Server with PowerShell

- A. Install SQL Server
- B. Configure Database Settings
- C. Configure SQL Server Settings
- D. Configure SQL Server Policy-Based Management

### II. Administering SQL Servers with PowerShell

- A. Managing Users and Roles
- B. Managing Database Performance
- C. Managing Database Availability
- D. Managing SQL Server Features

### III. Maintaining SQL Servers with PowerShell

- A. Managing Backups and Restores
- B. Maintaining Database Integrity and Performance
- C. Monitoring and Auditing
- D. Task Automation
- E. Generating Reports