

#55069: POWERSHELL FOR SQL SERVER ADMINISTRATORS

Available Dates: **Call for Dates**

Class Length: **2 day**

Cost: **\$1,195**

[Email Computer Visions about this class](#)

Class Outline:

Description:

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.

Course Outline:

Module 1: Install and Configure SQL Server with PowerShell

This module explains how to setup SQL Server components using PowerShell.

Lessons

- Module Objectives
- Lesson 1: Install SQL Server
- Lesson 2: Configure Database Settings
- Lesson 3: Configure SQL Server Settings
- Lesson 4: Configure SQL Server Policy-Based Management
- Review

Module 2: Administering SQL Servers with PowerShell

This module explains how to perform day-to-day administrative tasks on SQL Server Servers using PowerShell.

Lessons

- Module Objectives
- Lesson 1: Managing Users and Roles
- Lesson 2: Managing Database Performance
- Lesson 3: Managing Database Availability
- Lesson 4: Managing SQL Server Features
- Review

Module 3: Maintaining SQL Server with PowerShell

This module explains how to perform maintenance tasks on SQL Servers using PowerShell.

Lessons

- Module Objectives
- Managing Backups and Restores
- Maintaining Database Integrity and Performance
- Monitoring and Auditing
- Task Automation
- Generating Reports
- Review