

# Advanced Automated Administration with Windows PowerShell 10962

Virtual Online Instructor led Course

5 Day Training Program

Cost: \$2,800.00 plus GST

October 12-16th, 2020

8:30 – 4:00 pm daily CST

## About This Course

This five-day, instructor-led course, is intended for IT professionals who are interested in furthering their skills in Windows PowerShell and administrative automation. The course assumes a basic working knowledge of PowerShell as an interactive command-line shell, and teaches students the correct patterns and practices for building reusable, tightly scoped units of automation.

## Audience profile

This five-day course will teach students how to automate administrative tasks using Windows PowerShell 5.1. Students will learn core-scripting skills such as creating advanced functions, writing controller scripts, and handling script errors. Students will learn how to work with Windows PowerShell Workflow, the REST API and XML and JSON formatted data files. Students will also learn how to use new administration tools such as Desired State Configuration (DSC) and Just Enough Administration (JEA) to configure and secure servers.

Join our instructor, Jason, who is a lifelong technology enthusiast. He holds a Bachelor Degree in Computer Science as well as an MCSA, MCSE, MCITP, and MCT from Windows NT4 to Server 2016 R2. He brings his experience in the public, private, and military environments into his classroom and delivers real work experience.

This course is intended for IT professionals who are experienced in general Windows Server and Windows Client administration. Students should have a foundational knowledge of Windows PowerShell, which they can obtain by taking course 10961C: Automating Administration with Windows PowerShell.

Before attending this course, students must have:

- Experience at basic Windows administration
- Experience using Windows PowerShell to query and modify system information
- Experience using Windows PowerShell to discover commands and their usage
- Experience in creating PowerShell scripts
- Experience using WMI and/or CIM to query system information (Usage of the Get-CimInstance cmdlet)
- Understanding of how the PowerShell pipeline passes information via ByValue and ByPropertyName.



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Call Rich Chapman @ 306 244-6340 for additional information.



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