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IT ACADEMY

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Class Code: 50162  
Number of Days: 1  
Format: Instructor-Led

## Exchange Administrators Guide to Scripting using the Exchange Management Shell (EMS)

**Course Description:** This one day instructor led course will provide Exchange Administrators familiar with Microsoft Exchange Server 2003 and Exchange Server 2007 a detailed overview of the Exchange Server 2007 Exchange Management Shell (EMS). This course will show Exchange Administrators how to perform common and advanced administration tasks using the Exchange Management Shell as well as how to automate other tasks and perform bulk changes to Active Directory and Exchange using EMS.

**Target Audience:** This course is intended for experienced Microsoft Exchange Administrators who manage Exchange 2000, Exchange 2003, and Exchange 2007 servers.

**Prerequisites:** Before attending this course, students must have:

- Working knowledge of Microsoft Windows Server 2003.
- Knowledge of Microsoft Exchange Server 2003.
- Knowledge of Exchange 2000 Server is beneficial but not necessary.

**Delivery Method:** Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

### Performance-Based Objectives

Upon successful completion of this course, students will be able to:

- Explain the purpose of Exchange Management Shell and the underlying Windows PowerShell technology.
- Explain the concept of cmdlets.
- Perform some key Exchange Server tasks using Exchange Management Shell cmdlets.
- Get help about cmdlets and conceptual topics.
- View and format output data.
- Use extra productivity features presented by Exchange Management Shell.
- Create reusable script files.
- Create and use aliases.
- Create functions.
- Call functions from within scripts and from the command line.
- Create and use filters.
- Declare and use variables.
- Use operators to invoke arithmetic, assignment, and other actions on variables.
- Use flow control statements to create logic within scripts and functions.

