

## IT LEARNING SOLUTIONS

### 20740: Installation, Storage, and Compute with Windows Server 2016

Prepares you for exam 70-740 | Instructor-led classroom training or on-demand training

**AUDIENCE(S):** IT Professional  
**TECHNOLOGY:** Windows Server  
**LEVEL:** 200  
**LANGUAGE(S):** English

Compare Learning Environments	On-demand Training	Classroom Training
Anytime access	n/a	
Anywhere access to recorded instructor	n/a	
Microsoft Official Content	n/a	✓
In-Depth Training	n/a	✓
Hands-on Labs	n/a	✓
SATV Redemption	n/a	✓
Ask Instructor questions in person	n/a	✓
Attend live class in person	n/a	✓
<b>Time commitment</b>	<b>Self-paced (3 Month Access)</b>	<b>5 Days</b>

#### About This Course:

This five-day course is designed primarily for IT professionals who have some experience with Windows Server. It is designed for professionals who will be responsible for managing storage and compute by using Windows Server 2016, and who need to understand the scenarios, requirements, and storage and compute options that are available and applicable to Windows Server 2016.

#### At Course Completion:

- Prepare and install Nano Server, a Server Core installation, and plan a server upgrade and migration strategy.
- Describe the various storage options, including partition table formats, basic and dynamic disks, file systems, virtual hard disks, and drive hardware, and explain how to manage disks and volumes.
- Describe enterprise storage solutions, and select the appropriate solution for a given situation.
- Implement and manage Storage Spaces and Data Deduplication.
- Install and configure Microsoft Hyper-V.
- Deploy, configure, and manage Windows and Hyper-V containers.
- Describe the high availability and disaster recovery technologies in Windows Server 2016.
- Plan, create, and manage a failover cluster.
- Implement failover clustering for Hyper-V virtual machines.
- Configure a Network Load Balancing (NLB) cluster, and plan for an NLB implementation.
- Create and manage deployment images.
- Manage, monitor, and maintain virtual machine installations.

#### Prerequisites:

Before attending this course, students must have:

- A basic understanding of networking fundamentals.
- An awareness and understanding of security best practices.
- An understanding of basic AD DS concepts.
- Basic knowledge of server hardware.
- Experience supporting and configuring Windows client operating systems such as Windows 8 or Windows 10.

Additionally, students would benefit from having some previous Windows Server operating system experience, such as experience as a Windows Server systems administrator.

The Content of this document as well as the programme subject matter is subject to change without notice.

I .....  
(student / legal guardian), acknowledge that I understand the information stated in this document.

Date: .....

Signature: .....

**This information sheet forms part of your enrolment contract**

*The content of this information sheet is subject to change without notice due to legislation, market requirements or any other reason. ELMI reserves the right to change the programme subject matter without notice.*

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ELMI  
231 Oxford Street  
Southernwood  
East London 5201

Tel: 043 742 0235  
Fax: 043 742 0237  
Email: info@elmi.co.za  
Web: www.elmi.co.za

P.O. Box 18458  
Quigney  
East London 5211

East London Management  
Institute (Pty) Ltd.  
Reg No: 2008/021076/07

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