

# INFORMATION STORAGE AND MANAGEMENT (ISM) v2



Covering a broad range of concepts and principles including storage systems, storage networking and virtualization, business continuity, and storage security and management. Providing 40 hours of content, ISM is the only course of its kind to fill the knowledge gap in understanding varied components of modern information storage infrastructure.

- Module 1: Introduction to Information Storage
- Module 2: Data Center Environment
- Module 3: Data Protection: RAID
- Module 4: Intelligent Storage system
- Module 5: Fibre Channel Storage Area Network (FC SAN)
- Module 6: IP SAN and Fibre Channel over Ethernet (FCoE)
- Module 7: Network-Attached Storage (NAS)
- Module 8: Object-based and Unified Storage
- Module 9: Introduction to Business Continuity
- Module 10: Backup and Archive
- Module 11: Local Replication
- Module 12: Remote Replication
- Module 13: Cloud Computing
- Module 14: Securing the Storage Infrastructure
- Module 15: Managing the Storage Infrastructure

## PRE-REQUISITE KNOWLEDGE:

Instructors and students will benefit from pre-requisite experience and education in the following areas:

- Computer systems and architectures
- Networking technologies and administration
- Operating systems, and file systems
- Computer systems administration and integration

## SUPPLEMENTAL RESOURCES:

ISM Textbook: Information Storage and Management: Storing, Managing, and Protecting Digital Information in Classic, Virtualized, and Cloud Environments. Published by John Wiley & Sons, available in multiple languages and formats

<http://activities.fromnbg.com/content/emc/>

## AVAILABLE INDUSTRY RECOGNITION: EMC ACADEMIC ASSOCIATE - INFORMATION STORAGE AND MANAGEMENT

Free online assessment, proctored by faculty at your convenience. Passing score earns students this recognition.



**Next Step:** EMC Proven Professional Information Storage and Management (E10-001)  
EMC Proven Professional Associate certification  
Exam administered at Pearson VUE testing centers in a controlled, proctored environment  
Certification discounts available to EMC Academic Alliance member students and faculty