

**Course Outline:** Course 10165: Updating Your Skills from Microsoft Exchange Server 2003 or Exchange Server 2007 to Exchange Server 2010

**Learning Method:** Instructor-led Classroom Learning

**Duration:** 5.00 Day(s)/ 40 hrs

**Overview:**

The primary audience of this Exchange Server 2010 course consists of people aspiring to be enterprise-level messaging administrators. It also helps prepare for the Exam 70-662: TS: Microsoft Exchange Server 2010 which has been updated for Exchange 2010 SP1, Others who may take this course include IT generalists and help desk professionals who want to learn about Microsoft Exchange Server 2010 SP1. People coming into the course are expected to have at least 3 years' experience working in the IT field- typically in the areas of network administration, help desk or system administration. They are NOT expected to have experience with previous versions of Exchange Server although it may be beneficial.

**Prerequisites**

- Fundamental knowledge of network technologies including Domain Name System (DNS) and firewall technologies.
- Experience with the Microsoft Windows Server 2008 operating systems.
- Experience with Active Directory directory services in Windows Server 2008.
- Experience using Windows management and monitoring tools such as Microsoft Management Console, Active Directory Users and Computers, Performance Monitor, Event Viewer, and Internet Information Services (IIS) Administrator
- Experience with Exchange 2003 or 2007 would be beneficial but not required.
- Fundamental knowledge of certificates and Public Key Infrastructure (PKI)

**At Course Completion:**

- Describe the new Exchange 2010 features.
- Install and deploy Exchange Server 2010 SP1 in an Exchange Server Organization.
- Configure Mailbox servers and Mailbox server components.

**Phone: +357 70002770**  
[www.computrain.com.cy](http://www.computrain.com.cy)



- Manage recipient objects, including migrating recipients from previous versions of Exchange.
- Configure the Client Access server role in Exchange Server 2010 SP1.
- Configure message transport in Exchange Server 2010 SP1.
- Configure the secure flow of messages between the Exchange Server organization and the Internet.
- Implement a high availability solution for Mailbox servers and other server roles in Exchange Server.
- Plan and implement a disaster recovery solution for Exchange Server 2010 servers.
- Plan and configure messaging compliance.
- Manage Exchange Server permissions in Exchange Server 2010, and configure Exchange Server security.
- Monitor and maintain the messaging system.
- Upgrading an existing Exchange Server 2007 organization to Exchange Server 2010 SP1.

### Module 1: Introducing Microsoft Exchange Server 2010 SP1

- New Exchange Server 2010 Features
- Upgrading to Exchange 2010 SP1 from Exchange 2003

### Module 2: Deploying Microsoft Exchange Server 2010 SP1

- Installing Exchange Server 2010 SP1
- Verifying the Exchange Server 2010 SP1 Installation

### Module 3: Configuring Mailbox Servers

- Installing the Mailbox Server Role
- Configuring Mailbox Server Role.
- Configuring Public Folders and Public Folder Databases in Exchange Server 2010 SP1.

### Module 4: Managing Recipient Objects

- Managing Mailboxes in Exchange Server 2010 SP1

Phone: +357 70002770  
[www.computrain.com.cy](http://www.computrain.com.cy)



- Configuring Mail Users, Mail Contacts and Distribution Groups in Exchange Server 2010 SP1
- Configuring Email Address Policies and Address Lists in Exchange Server 2010 SP1
- Performing Bulk Recipient Management Tasks Exchange Server 2010 SP1

#### Module 5: Managing Client Access

- Installing the Client Access Server Role
- Configuring the Client Access Server Role
- Configuring the Client Access Servers for Outlook Clients
- Configuring Microsoft Outlook Web App
- Configuring Mobile Messaging

#### Module 6: Managing Message Transport

- Overview of Message Transport
- Configuring Message Transport

#### Module 7: Implementing Message Security

- Deploying Edge Transport Servers
- Deploying an Antivirus Solution
- Configuring an Anti-spam Solution
- Configuring Secure SMTP Messaging

#### Module 8: Implementing High Availability

- Configuring Highly Available Mailbox Databases

Phone: +357 70002770  
[www.computrain.com.cy](http://www.computrain.com.cy)



- Deploying Highly Available Non-Mailbox Servers
- Deploying High Availability with Site Resilience

### Module 9: Implementing Backup and Recovery

- Planning Backup and Recovery
- Backing Up Exchange Server 2010 SP1
- Recovering from Disasters

### Module 10: Configuring Messaging Policy and Compliance

- Introducing Messaging Policy and Compliance
- Configuring Transport Rules
- Configuring Journaling and Multi-Mailbox Search
- Configuring Archive Mailboxes
- Configuring Retention and Archive Policies

### Module 11: Securing Exchange Server 2010 SP1

- Configuring Role Base Access Control
- Configuring Audit Logging
- Configuring Secure Internet Access

### Module 12: Monitoring and Troubleshooting Microsoft Exchange Server 2010 SP1

- Monitoring Exchange Server 2010 SP1
- Troubleshooting Exchange Server 2010 SP1

Phone: +357 70002770  
[www.computrain.com.cy](http://www.computrain.com.cy)



### Module 13: Upgrading from Microsoft Exchange Server 2007 to Exchange Server 2010 SP1

- Upgrading from Exchange 2007 to Exchange 2010 SP1

### Appendix A: Understanding and Planning for Microsoft Exchange Online

- Planning for Exchange Online
- Migrating to and Managing Exchange Online
- Implementing Federated Delegation

Phone: +357 70002770  
[www.computrain.com.cy](http://www.computrain.com.cy)

