



The market leader in Data Centre Training

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# Data Centre Management

I-day course

## Course Overview

As new technologies such as blade servers and high performance networks stretch the capacity of power, cooling and connectivity – management practices have to evolve. Increased reliance on IT by organisations means that security, availability and recovery capability must be improved as the complexity increases.

The effective management of data centres requires understanding of technical design limitations, management processes and applying the appropriate best practice.

This one day course gives an introduction to best practice for managing modern data centres which have been designed and built to TIA-942.

Ensuring the facility continues to deliver the environment and the control of mission critical computing is not easy. This course will help guide you through the Data Centre mine-field.

The course covers the elements that should be incorporated into the management practices covering Data Centres. The course also identifies existing management frameworks and best practices such as ITIL, ISO20000, ISO 20007 and how they affect data centre management.

Using case studies and exercises, the course will make students aware of data centre management issues, methods and give detailed guidance.

## Introduction & objectives

- Understanding the bigger picture
- The concept of best practice

## Managing the Data Centre Facilities

- ▶ Handover of the data centre facility
- ▶ Establishing the design limits
- ▶ Controlling the environment
- ▶ Maintenance practices
- ▶ Data centre inventory and documentation
- ▶ Installation practices
- ▶ Monitoring and ongoing administration of the facility
- ▶ Meeting the needs of regulators and 3rd parties
- ▶ Testing for recovery and resilience
- ▶ Backup and equipment recovery
- ▶ Access and security



## 75% Theory 25% Exercise

### ▶ Qualification

BTEC units applied for  
BICSI CECs ITS 7, NTS 7, RCDD 7  
CNet certificate

### ▶ Who Should Attend

IT Directors, IT Managers, Project Managers,  
Network Managers, CTO's,  
Facilities Managers,  
Data Centre Managers  
Designers and Consultants.

### ▶ Related Training

Certified Data Centre Design  
Certified Data Centre Technician  
Data Centre Cooling  
Data Centre Power  
Planning 10-Gigabit Ethernet Networks  
Advanced LAN Design & Network Engineering  
BICSI RCDD  
Project Management (TPMA)  
BICSI ITS Technician

### ▶ Course Objectives

To introduce best practice for managing modern data centres which have been designed and built to TIA-942.

### ▶ Prerequisites

Experience of the data centre environment is required.

### ▶ Course Location

Bury St Edmunds  
London  
Manchester

