

Data Centre Fundamentals

The **Global Leader** of **Technical Training and Education**
for the **Data Centre & Network Infrastructure** Sectors

16 HOUR ONLINE PROGRAM

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Student Profile

This program has been designed for individuals who are either new to the Data Centre sector (technicians with limited experience or exposure to Data Centre facilities) or for those who sell products and services to the Data Centre sector or who sell Data Centre services.

Pre-requisites

There are no specific pre-requisites for this program however some awareness of the Data Centre industry would be advantageous.

Program Requirements

This is an online program and students require a PC or Mac with internet connectivity.

Program Objectives

To provide an overview of the Data Centre sector, the functional requirements of the Data Centre facilities, the key aspects of Data Centre infrastructure and management and the facilities relationship to business strategy.

Certification

CNet Training Certificate

Program Cost

£495 GBP

\$745 USD

€665 EUR

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Program Overview

Gain a comprehensive overview of the Data Centre sector, the role of a Data Centre and key operational aspects.

Data Centres play such significant roles in our business and personal lives, yet not many people really know what they are. Often referred to as 'the cloud' where our data is stored and processed, they are much more than this; they power the Internet giving us the ability to pay bills online, access our emails, obtain money from ATM machines, watch movies, communicate around the world and to carry on what is now considered a normal, fiercely technological lifestyle.

This online program has been designed to help de-mystify the complex world of data centres. It provides an overview of what Data Centres are, what they do and why we need them. Key aspects relating to basic design and design philosophies are also examined and the essential considerations of Data Centre management such as operational processes, energy management and facility management are explored along with their relationships to overall business strategy. The Data Centre sector as a whole is also explained including the value of the sector today, the significant growth it has experienced to date and how this will continue in the future.

This is an online program, study can be undertaken at your convenience over a period of time. Once booked, an online link with a password is sent to you which unlocks the relevant material for you to start your study.

Data Centre Fundamentals Topics:

What is a Data Centre?

- ▶ Define a Data Centre
- ▶ Identify the main Data Centre types
- ▶ Identify the business service options

The Role and Objectives of a Data Centre

- ▶ The purpose of a Data Centre
- ▶ Describe the functional requirements of a data centre

Design Overview

- ▶ Key basic design requirements and design philosophies
- ▶ Criticality considerations and their relationship to business strategy

Managing a Data Centre

- ▶ Key aspects of the Data Centre physical infrastructure
- ▶ Recall standards, regulations and operational processes
- ▶ Move, adds and change processes
- ▶ Efficient energy management
- ▶ Data Centre facility management
- ▶ Recall a variety of management tools

The Data Centre Industry and Market

- ▶ The value and growth of the Data Centre industry

AVAILABLE IN ENGLISH & SPANISH