

DC Physical Infrastructure Overview

- ✓ Introduction to Data Centres
- ✓ The Data Centre and Its Relation to Business
- ✓ Definition of Different Types of Data centres
- ✓ Data Centre Standards
- ✓ Topology Designs
- ✓ Data Centre Site Selection
- ✓ Data Centre Facilities Areas
- ✓ Data Centre Support Systems
- ✓ Fundamentals of Availability
- ✓ Fundamentals of cabling strategies for Data Centres

Security

- ✓ Components of the Architectural Infrastructure
- ✓ Components of the Power Infrastructure
- ✓ Lights
- ✓ Components of the Cooling Infrastructure
- ✓ Components of the ICT/Network Infrastructure
- ✓ AI Infrastructure Design Requirements
- ✓ Components of Fire Suppression
- ✓ Safety

Power

- ✓ Data Centre Monitoring Systems
- ✓ Components of Security Infrastructure
- ✓ Data Centre Operations

Rack

- ✓ Impact of Data Centres on the Environment
- ✓ Environmental Sustainability
- ✓ Key Metrics
- ✓ Waste Management
- ✓ Sustainable Energy Usage



How It Works

This is a cohort-based programme with a fixed start date and structured schedule.

- ✓ Self-study from eBooks provided
- ✓ Attend online classes twice a week on weekday evenings (14-16 classes)
- ✓ Guided timetable to keep you on track
- ✓ Online exam shortly after your final class
- ✓ Attend a 3-week data centre internship



Certification

Students who pass the exam will be awarded the internationally-accredited and recognised EPI Certified Data Centre Associate (CDCA®) certificate, which is valid for three years and can easily be renewed through a simple recertification process.



Duration and Access

This course is designed to be completed within 3 months. It includes:

- ✓ Home study from your eBook
- ✓ 40 hours of live online classes
- ✓ 2.5-hour certification exam
- ✓ 3 week data centre internship

Global Accreditation & Recognition

The CDCA® certification is accredited by EXIN, an internationally respected, independent organization that ensures training programs meet high standards of quality. With over 30 years of experience, EXIN is trusted by governments and organisations around the world. For students, this means your CDCA® certificate carries global recognition, giving you a valuable credential that employers respect.

