Certified Data Centre Facilities Operations Specialist (CDFOS)

Category: Infrastructure & IT Operations | **Vendor:** EPI

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

Data centre facilities operations management have proven to be the key differentiator between a data centre that is performing well or badly.

About This Course

Data centre facilities operations management have proven to be the key differentiator between a data centre that is performing well or badly.

Who Should Attend

The primary audience for this course is anyone who works in and around IT, facilities or data centre operations and needs to understand and improve the daily operations including important processes such as lock-out/tag-out, the right process for installing/de-installing equipment, safety procedures, capacity management and much more.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

The old believe that a fully redundant data centre facility will save the day is no longer true as many research outcomes have revealed that the majority of downtime is caused by the human factor. Policies, processes, procedures and work instructions should be carefully developed, ideally following relevant standards, to ensure an effcient and effective data centre operations which are also compliant to the required regulations.
The CDFOS® (Certified Data Centre Facilities Operations Specialist) course is a three-day course which will enable participants to fully understand the requirements of running the day-to-day operations of a mission critical data centre. Participants will gain all the required competences for running the daily operations, understand which processes should be in place, and the critical elements of those processes and how to execute them. The course is fully aligned with the DCOS® (Data Centre Operations Standard).

Detailed Course Outline

Service Level Management

- Service Level Management

  Needs analysis

  Capability assessment

  Service portfolio and catalogue

  Service Level Agreements

  Reporting - Complaint procedure

  Customer satisfaction

  Service Improvement Process (SIP)

Safety and Crisis Management

- Most common type of accidents and why they often happen

  The roles and responsibilities of appointed safety staff

  The importance of the OH&S or WHS manual

  Calibration of measurement and test equipment

  Proper lock-out/tag-out procedures

  Emergency response plan requirement for various potential emergencies

  The importance of Permit To Work

Physical Security

- Standard Operating Procedures (SOP) for security

  Security risk assessment

  Security zones

  Physical inspections / security patrols

  Delivery of goods / holding area

  Entry control of individuals

  Badges and key management

  Security monitoring

  Security incident reporting

Facilities Maintenance

- The importance of maintenance

  Maintenance definitions

  Maintenance operations procedures (MOP)

  Service reports

  Spare management

  Tools

  Housekeeping

Data Centre Operations

- Shift handover

  Walk around duties

  Service management

  Release management

  Configuration management

  Floor management

  Equipment life cycle management

Monitoring/Reporting/Control

- Monitoring requirements

  Facilities monitoring matrix

  Sensor / alarm point testing and calibration

  Notification matrix

  Escalation requirements

  Reporting

Project Management

- Project management

  Project organization

  Project manager

  Initiation

  Planning

  Execution

  Monitor and control

  Closing

  Evaluation / lessons learnt

Environmental Sustainability

- The importance of sustainability

  Environmental standards

  Power efficiency indicators

  Energy saving best practises

  Water management

  Sustainable energy usage

Governance and Compliance

- The importance of document management

  The siz sub-processes of document management

  Asset management

  Requirements or asset recording

Exam: Certified Data Centre Facilities Operations Specialist (CDFOS®©)

- Certification exams are administered at the end of the course. The exam is a 90-minute closed book exam, with 60 multiple-choice questions. The candidate requires a minimum of 42 correct answers to pass the exam. Online exam results are known immediately and paper-based exam results will be known within one week.

Additional Course Details

Nexus Humans Certified Data Centre Facilities Operations Specialist (CDFOS) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Certified Data Centre Facilities Operations Specialist (CDFOS) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Certified Data Centre Facilities Operations Specialist (CDFOS)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: How many CPD hours does this course provide?

The 3-day Certified Data Centre Facilities Operations Specialist (CDFOS) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Certified Data Centre Facilities Operations Specialist (CDFOS) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Certified Data Centre Facilities Operations Specialist (CDFOS)?

Yes, we provide corporate training, dedicated training, and closed classes for Certified Data Centre Facilities Operations Specialist (CDFOS). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Certified Data Centre Facilities Operations Specialist (CDFOS)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Certified Data Centre Facilities Operations Specialist (CDFOS) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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