

Kannegieter College provides the most relevant and real life Data Centre courses available in Europe. This course is an ideal follow-up on Data Centre Design Course (DCD) or Data Centre Primer (DCP) course. If you are responsible for managing a Data Centre and want to assess your own Data Centre or if you wish to audit Data Centres on behalf of your customers then this course is right for you.



### Who should take this course

Anyone wishing to audit/assess data centres for resilience, energy efficiency, security and best practice.

### Prerequisites

There are no formal prerequisites for the course.

### What will you learn?

- How to prepare and carry out an audit
- What to look for, how to interpret what you find through observation and measurement
- How to perform a gap analysis
- How to write a report and what should be in it
- What certification means and, who can certify and how to do it
- Understanding and assessing resilience, energy use, capacity and health and safety

### Course content

- Introduction to data centres auditing
  - How to prepare and carry out an audit
  - What to look for, how to interpret what you find through observation and measurement
  - How to perform a gap analysis
  - How to write a report and what should be in it
  - What certification means and, who can certify and how to do it
- Understanding Resilience
  - Relevant data centre standards
  - Understanding reliability and resilience models
  - 'Tiers' and 'Classes' and 'N' models
  - Identifying Single Points of failure
- Understanding Energy Use
  - Relevant data centre standards
  - Understanding the key factors affecting energy consumption
  - Methods of reducing energy consumption
  - Measuring the effectiveness of energy saving methods
  - Key Energy Metrics: PUE etc.
- Understanding Capacity
  - Power
  - Cooling
  - Space
  - Connectivity
- Understanding Health and Safety
  - Staying safe during the audit
  - Auditing for unsafe practices

## Course content

- Preparing for the audit
  - Managing the customer's expectations
  - Informing the customer of their part in the process
  - Documentation Review
  - Auditing tools
- Physical Audit and Inspection
  - Including assessment of Resilience, Energy Use, Capacity, Health and Safety, Location, Architectural, Power, HVAC, Environmental Conditions, Fire Detection and Suppression, Communications Cabling, Security and DCIM
  - The site visit step by step
  - What order to do things
  - What to record, when and where
  - Using a checklist
  - Tips from auditors with over 30 years' auditing experience
- Writing the Report
  - Report format
  - What should be in the report
  - Analysing the data collected at the site visit
  - Writing techniques to help with understanding
  - Producing a GAP analysis
  - Making recommendations
  - Verification of your findings and conclusion
- After the Audit, Certification and Compliance
  - What is certification?
  - Who can certify?
  - Validity of certification?
  - Developing an action plan (short, medium and long term goals)

## Get certified

If you complete this course and pass the exam you will be awarded a certificate and the right to use the DCAF logo and the DCAF designation after your name whilst your certificate is valid.

## Praktische informatie



**Kosten**  
€ 1430,-



**Studieduur**  
2 dagen



**Lestijd**  
09.00 - 17.00 uur



**Lesplaatsen**  
Amersfoort of Brussel



**Minimale groepsgrootte**  
6 personen

Bezoek onze website voor meer informatie over actuele cursusdata. Inschrijven kan via het online inschrijfformulier.

### Cursus op maat

Kannegieter College kan deze cursus incompany verzorgen op elke gewenste locatie in Nederland of België.

Op al onze cursussen zijn de Algemene Leverings- en Betalingsvoorwaarden van Kannegieter BV van toepassing evenals de Algemene Voorwaarden van Kannegieter College.