Data Centre Training and Certification Programs

Knowledge › Global Accreditation › Recognition

EPI Data Centre Training Framework©

Course curriculum for data centre professionals.

Design / Build

- CDCE® Certified Data Centre Expert
- CDCS® Certified Data Centre Specialist
- CDCP® Certified Data Centre Professional

Governance / Operations

- Certified Data Centre Facilities Operations Manager — CDFOM®
- Certified Data Centre Risk Professional — CDRP®
- Certified Data Centre Safety Manager — CDSM®
- Certified Data Centre Migration Specialist — CDMS®

Standards / Compliance

- CTEA® Certified TIA-942 External Auditor
- CTIA® Certified TIA-942 Internal Auditor
- CTDC® Certified TIA-942 Design Consultant
- CDCP® or other approved courses*

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The **EPI Data Centre Training Framework**© provides a structured course curriculum for individuals working in and around data centre facilities and data centre operational management. It addresses the various disciplines required to design and manage a high-availability and efficient data centre. EPI's data centre course curriculum is not only the first in the world, it is also by far the largest in the industry. Many companies have specified these courses as prerequisites for their staff working in and around the data centre and use them as part of their career planning initiatives. Recognised globally, these certifications add value to both companies and individuals.

Design / Build Specialisation

CDCP® Certified Data Centre Professional

Course Duration : 2 days
Prerequisite : None

CDCP® is the entry level for the Data Centre Design/Build specialisation. This course focuses on the key components of the data centre. CDCP® training will address how to setup and improve efficiency of key aspects in a high-availability data centre such as power, cooling, security, cabling, safety, etc. The CDCP® training will also address the key operations and maintenance aspects of a mission-critical data centre.

Next Level : CDCS® (Certified Data Centre Specialist)

CDCS® Certified Data Centre Specialist

Course Duration : 3 days
Prerequisite : CDCP® (Certified Data Centre Professional)

CDCS® is the second level in the Data Centre Design/Build specialisation. This is an advanced course which focuses on the knowledge and criteria in order to review and make improvements on existing data centre facilities and to decide on the correct implementation of new data centre facilities. It will bring participants to the level of a compatible sparring partner with suppliers, to verify offers provided by vendors for correctness, effectiveness and efficiency. CDCS® is a must-have certification for professional data centre managers and personnel.

Next Level : CDCE® (Certified Data Centre Expert)

CDCE® Certified Data Centre Expert

Course Duration : 5 days
Prerequisite : CDCS® (Certified Data Centre Specialist)

CDCE® is the final and highest level of the Data Centre Design/Build specialisation. It provides participants with the knowledge and skills to analyze a given business case, perform technical evaluation for a project plan and a set of designs for implementation of a mission critical data centre. This course also covers product evaluations, demonstrates how to select equipment, develop equipment test scripts (IET) and integrated performance and validation testing (IPVT). CDCE® builds upon knowledge gained in CDCP® and CDCS® courses. Participants who pass the exam will join the industry's elite data centre project design experts.

Governance / Operations Specialisation

CDFOM®
Certified Data Centre Facilities Operations Manager

Course Duration : 3 days
Prerequisite : None

CDFOM® course enables participants to gain in-depth knowledge on managing data centre operations. It covers key subject matters, including but not limited to, capacity planning, latest green initiatives, how to properly commission and decommission equipment, compliance to safety standards, statutory compliance and international standards, people and vendor management, incident/crisis management, as well as techniques to keep operations really simple, manageable, effective and efficient.

CDRP®
Certified Data Centre Risk Professional

Course Duration : 2 days
Prerequisite : None

CDRP® course covers the overall risk management process. The focus of this course is on the data centre infrastructure, the physical data centre facility and equipment. The participant will learn how to identify and quantify risk in their organisation, creating the ability to reduce the risk to a level acceptable for the organisation, allowing them to make sound investment decisions based on facts rather than emotions. CDRP® is a must for every organisation that wants to manage their risk without over spending.

CDMS®
Certified Data Centre Migration Specialist

Course Duration : 2 days
Prerequisite : None

Data centre migration is an exceptionally high-risk undertaking. Most data centre professionals have never done this before. CDMS® covers all aspects of a data centre migration. It provides a step-by-step methodology which will enable them to reduce the risks involved in such a complex undertaking. It will also provide participants with valuable and practical hints and tips used by seasoned data centre professionals who have done multiple complex migrations.

Standards / Compliance Specialisation

CTDC®
Certified TIA-942 Design Consultant

Course Duration : 3 days
Prerequisite : CDCP® (Certified Data Centre Professional)

Understanding the intent of the ANSI/TIA-942 Standard is of fundamental importance, not only for the successful implementation of the data centre, but also for its sustainable operations. In the CTDC® course, the participant will learn how to design an ANSI/TIA-942 compliant data centre. It provides a clear understanding of the requirements of ANSI/TIA-942 and possible implementation variations. This course is well suited for all types of data centres, be it enterprise data centres or multi-tenant, third party data centres such as co-location, managed services and cloud service providers.

Next Level : CTIA® (Certified TIA-942 Internal Auditor)

CTIA®
Certified TIA-942 Internal Auditor

Course Duration : 2 days
Prerequisite : CTDC® (Certified TIA-942 Design Consultant)

CTIA® is the second course in the Standards/Compliance specialisation. The CTIA® course builds further on the technical understanding of the ANSI/TIA-942 Standard acquired in the CTDC® course. It enables participants to develop skills and knowledge to conduct an internal audit program by applying widely recognised audit principles, procedures and techniques which are aligned with the ISO-19011 auditing guideline.

Next Level : CTEA® (Certified TIA-942 External Auditor)

CTEA®
Certified TIA-942 External Auditor

Course Duration : To be determined
Prerequisite : CTIA® (Certified TIA-942 Internal Auditor)

The CTEA® course is designed to provide the knowledge and skills to become an external auditor who is able to independently conduct ANSI/TIA-942 conformity audits. The course contains lectures and a variety of business cases exposing and testing the aspiring auditor for his/her auditing capabilities. External auditors could have a major impact on determining the conformity or nonconformity of a data centre to the requirements of the ANSI/TIA-942. As such, the examination is one of the toughest exams in the data centre industry.

Global Accreditations & Recognitions for Data Centre Professionals

All of EPI's courses are globally endorsed and accredited by EXIN. Every course requires a certification exam. Passing the certification exam demonstrates knowledge of the subject and participant will be awarded with an internationally recognised certification. These certifications are accreditated and awarded by EXIN, a global independent accreditation and examination institute who has certified over 2 million students worldwide. Accreditation by EXIN ensures quality and impartiality of the EPI certifications awarded to IT and data centre professionals who passed our certification exams.

EPI's courses are also registered with BISCI and recognised for BICSI Continuing Education Credits (CECs).

World-wide accredited by EXIN

Bicsi CONTINUING EDUCATION CREDIT PROVIDER

The Company

EPI is a company of European origin operating world-wide in over 50 countries through direct operations and a large partner network. EPI offers an extensive range of data centre services on consultancy, auditing, certification and training. EPI's focus is on mission-critical, high-availability environments. Established in 1987, EPI has developed an international reputation for delivering high quality technical expertise, with flexible and innovative solutions, techniques and methodologies.

All our services are aimed at helping our customers to:

- Increase **Availability** of their mission-critical infrastructure
- Improve **Efficiency**, **Effectiveness** and **Manageability**
- **Minimise risk** of business interruption

Our Clients share a common need to protect their valuable data, run their mission-critical infrastructure efficiently and to be protected on a 24 x 7 basis. By protecting the interests of our customers, EPI is committed to an intensive program of comprehensive services development backed by engineering and support excellence.

Quality Systems and Procedures have always been at the heart of every stage of our service delivery to ensure consistent and high quality services. We are known for our thoroughness, flexibility and responsiveness in our project management. We focus on providing solutions that fit each organisation and each project with a drive to deliver quality on time, every time.

Let us put our expertise to work for you!

epi Protecting your interests

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