CDCSP®

Certified Data Center Sustainability Professional

Pearson BTEC Level 5 Award

5 Day Program

CNet Training
An Uptime Education Company

Global Leading Technical Education for the Digital Infrastructure Industry

Certified Data Center Sustainability Professional (CDCSP®)

Create a sustainability strategy and business implementation plan for transformation towards a credible sustainability lifecycle, that demonstrates innovation and challenges business ethos whilst being sensitive to business risk and continuity.

Program Overview

Increased awareness of the urgency to implement and maintain a sustainable future coupled with evolving legislation means that data center operators are under great pressure to embrace sustainability strategies, improve their 'green' credentials rapidly and be able to evidence improvement to stakeholders.

The exciting and comprehensive Certified Data Center Sustainability Professional (CDCSP®) program is designed to provide in-depth knowledge into the steps required to evaluate, analyze, plan, implement and monitor a sustainability strategy balanced with operational capability for data center facilities.

Achieving sustainability is evaluated from all angles with the overarching requirement to ensure the data center critical facility continues to meet the needs of the business. The importance of implementing the correct strategic vision and business drivers required to establish a well-balanced and structured approach towards sustainability is explored, from initial business case and operational analysis of power distribution, cooling systems and IT hardware, and potential operational risk, to design innovation and implementing initiatives, whilst appreciating both the business and operational challenges that may occur during this process. Maintenance strategies,

continuous planning cycles and critical analysis against identified targets are also explored, in addition to the need to demonstrate proven ROI as well as identifying and capitalizing on the business, customer, social and environmental benefits.

A certified CDCSP® also considers the requirements for compliance, having a full understanding of national and international regulations, codes and standards. During the program, learners will be provided a valuable opportunity to access the latest industry standards.

The CDCSP® program is led by one of CNet's expert Instructors and is available via remote attendance or classroom-based.

Program Duration

5 days requiring pre-class study of approximately 20 hours.

Program Format

80% Theory, 20% Case Study.

Program Objectives

The CDCSP® Program is designed to utilize existing data center knowledge, skills and experience, and combine it with new learning centered around technical collaboration and innovative approaches targeting sustainability within a data center facility and the creation and implementation of a long-term sustainability strategy to support the business.

Learner Profile

This program is structured for senior data center operations and facilities management, team leaders and senior engineers wishing to unite existing knowledge with new learning concerning achieving a sustainability focused strategy within their mission critical facility.

Pre-requisites

Experience of working within a data center environment is essential; preferably with two years experience as a technical designer, operations manager or in a senior facilities role. If you would like to discuss your experience or suitability for this program, please contact us.

Program Requirements

Learners are required to undertake pre-class study, which is fully supported by an experienced and dedicated online support team.

Learners are required to have:
▶ A webcam and microphone enabled laptop with unrestricted wireless internet connectivity and a pre-installed web browser
▶ A suitable application for reading/annotating PDFs and a suitable application for editing standard office documents such as Microsoft Word, PowerPoint, and Excel

Qualification

▶ Internationally and industry recognized Pearson BTEC Level 5 Award in Certified Data Center Sustainability Professional

Certification

▶ Official Certified Data Center Sustainability Professional (CDCSP®) certification
▶ Use of the CDCSP post nominal title
▶ Use of the official CDCSP® digital badge
▶ Use of the CDCSP® logo

Certifications are a commitment to lifelong learning and offer the perfect portal to ensure knowledge, skills and certification remain current and up-to-date. Each certification gained requires re-certifying every three years via an online learning management system.

Additional Awards

▶ Continuing Professional Development (CPDs)
▶ IEEE Continual Education Units (CEUs)

"My head is full of ideas following the CDCSP®, it was so energizing.

Packed with detailed information about the things you can do to make

a difference across the entire facility, and I now know the stages needed

to create and implement an all-encompassing sustainability strategy."

CDCSP® Learner Comment

Certified Data Center Sustainability Professional (CDCSP®) Topics

Understanding Sustainability & the Business Approach

▶ The need for sustainability and the impact upon the data center sector
▶ Sustainable approach and the legislative drivers
▶ Corporate social responsibility (CSR) and the wider impact on the data center sector
▶ Establishing a data center performance baseline and maximizing assets
▶ Understanding the business needs and data center limitations
▶ Business and operational risks presented by the need for sustainability
▶ Creating a sustainable ethos through the business
▶ Establishing a business case for sustainability
▶ Business approach to sustainability

Technological & Operational Approach to Sustainability

▶ The need for innovation and collaboration
▶ Reduction of human error by effective management and training
▶ Industry best practices and transformation programs
▶ Monitoring, analysis and automation of the physical infrastructure
▶ Evaluating traditional, alternative and renewable power sources
▶ Monitoring, analyzing and optimizing power distribution

▶ Monitoring, analyzing and optimizing cooling capabilities
▶ Monitoring, analyzing and optimizing IT hardware deployment
▶ Maintenance strategies
▶ Aligning the business, operations and technology to deliver a sustainable path for the future

Implementing Sustainability

▶ Corporate sustainability and the core drivers
▶ Strategic and sustainable planning
▶ Developing and implementing sustainable strategies
▶ The strategic planning process
▶ Projecting levels of sustainable achievement
▶ Obstacles and challenges
▶ Monitoring, analyzing and reporting sustainability improvements
▶ Continuous sustainability planning
▶ Certifications, standards and industry accreditations

CDCSP® Benefits for Individuals

▶ Be able to create and implement a strategy that attracts business and investment

▶ Is aware of the regulations, codes and standards affecting decisions when developing a sustainability strategy

▶ Understands that waste reduction, be it energy, water or packaging materials is the simplest way that the business can demonstrate its sustainability credentials

▶ Appreciate that true sustainability starts beyond the confines of the data center walls, recognising the need to investigate the attitude to sustainability further into the supply chain

CDCSP® Benefits for Businesses

▶ Demonstrate a positive corporate attitude to sustainability, harnessing the potential to gain competitive advantages

▶ Establish a baseline for compliance, recognizing the need to conform with codes, standards and regulations in order to demonstrate corporate integrity

▶ Champion a sustainability legacy by reviewing all areas of the business processes that affect the carbon footprint, reducing operational costs in all functional areas

▶ Improves customer perception of your business due to strengthening attitudes for service providers that can demonstrate their sustainability credentials