DC125 : Data Center Design and Best Practices

Course Objective

DC125 is a full 4-day course that provides an in-depth review of best practices involved in designing data centers. In this course, you will learn the critical steps and considerations for developing a data center design, from determining reliability and redundancy needs prior to site selection, through the process of designing critical infrastructure systems. All major facets of the data center design process are covered, with emphasis given to electrical, HVAC, telecommunications cabling, automation and control systems.

Created to use the best practices detailed in ***ANSI/BICSI 002-2011, Data Center Design and Implementation Best Practices***, DC125 will teach you to apply the best practices and strategies learned during class in the multiple hands-on design exercises.

Course Content

Topics covered include:

- Data centers and the design process
- Risk, reliability and class rankings
- Site location
- Building specifications
- IT equipment and aisle layout
- Computer room layout and design
- Data center electrical systems
- Data center cooling
- Data center telecommunications and cabling
- Data center security and fire protection
- Automation and control systems
- Green data centers
- Commissioning and maintenance planning

Students will also complete a final project, providing the opportunity to apply information learned to a potential, real-world scenario.

Who Should Attend

Data center professionals including IT, telecommunications, facility and project managers, architects, engineers, designers and consultants and anyone involved in the planning, implementing, operating, and making of critical decisions regarding data centers can benefit from this course.

What's In It For Me?

The size, number and reliance upon data centers worldwide is growing. With demand for qualified professionals to support this multibillion dollar industry out-pacing current supply, this class provides the foundation necessary to succeed in today's market.

Course Information:

Course Fee :

Member - Early	USD $1895.25	SGD 2,463.80
Member	USD $1995.00	SGD 2,593.50
Non-member - Early	USD $1990.25	SGD 2,587.30
Non-member	USD $2095.00	SGD 2,723.50

Course Materials:

Student Guide will be provided during the course. However, students are recommended to purchase the BICSI's ***ANSI/BICSI 002-2011, Data Center Design and Implementation Best Practices.*** This manual can be purchased online from www.bicsi.org or from the course provider

ANSI/BICSI 002-2011, Data Center Design and Implementation Best Practices Manual Price

	BICSI member price	Non-member price
Electronic Download and printed copy	USD 395 (SGD513.50)	USD 535 (SGD 695.50)
Printed copy only	USD 345 (SGD 448.50)	USD 435 (SGD 565.50)
Electronic Download only	USD 345 (SGD 448.50)	USD 435 (SGD 565.50)

The **Network Systems and Commissioning (NSC)** reference, 1st Edition, is a downloadable only manual and is a very relevant and useful study guide for those that are interested in pursuing the DCDC credential. The price is **USD 50** (SGD 65) per copy.

*Note : Course Fee and Course Materials pricing in S$ is only indicative based on US$ Pricing.

APPLICATION FORM

PART A: PERSONAL PARTICULARS
*Delete where applicable

NRIC/FIN No:/Passport No: _____ Singaporean/PR/Nationality

Name (as in NRIC) Dr/Mr/Ms/Mdm: _____

Date of Birth (DD/MM/YYYY) ____/ ____/ _____ Gender: *Male/Female

Race: Chinese/Malay/Indian/Eurasian/ Others, please specify _____

Address: _____

_____ Postal Code _____

Contact Number: _____ (Res.) _____ (HP)

Email: (1) _____ (2) _____

Highest Education Qualification: (circle where appropriate)
Degree/Diploma/'A' Level/'O' Level/ITE Skills Certification/Others, please specify_____

Are you a BICSI member? *Yes/No. If 'Yes', please provide the following:

Membership No: _____ Join Date: _____

Remarks (special assistance requirement): _____

PART B: CURRENT EMPLOYMENT DETAILS

Name of Company: _____ Designation: _____

Company Address: _____

_____ Postal Code _____

Contact No: _____(DID) _____ (Fax) Years of experience: _____