

# DC102: APPLIED DATA CENTER DESIGN AND BEST PRACTICES



## Pathway to the BICSI DCDC Credential International Best Practice Design Standards Instructor Led Course

Get an in-depth review of best practices for designing data centers.

In this course you will be introduced to various data center infrastructure systems. In addition, you will have an opportunity to apply what you have learned by engaging in case studies, discussions and real-world scenarios, as well as gain practical application in ICT data center design best practices.

After completing this course, you will be able to design a data center based on a set of given requirements; this will include both new and retrofit designs.

A variety of hands-on exercises, including the final group project, will help reinforce material and prepare students for real-world scenarios.



### DURATION

This is a five (5) day course



### LOCATION

Delivered at a selection of JB Hunter training facilities. Refer to our website for venues and locations.



### COST

AUD \$3000 plus GST



### HOW TO APPLY

Enrol in the DC102 course by emailing [bicsi@jbhunter.edu.au](mailto:bicsi@jbhunter.edu.au)

Contact Shane Darwin  
+61 (0)403 328 633 or [bicsi@jbhunter.edu.au](mailto:bicsi@jbhunter.edu.au)  
[www.jbhunter.edu.au](http://www.jbhunter.edu.au)

JB Hunter Pty Ltd RTO ID 90277

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## Course Confirmation:

The course will be confirmed thirty (30) days from the scheduled start date on receipt of at least six (6) enrolments with paid deposits. If any date changes or course cancellations are initiated by JB Hunter, deposits will be fully refundable.

## Deposit Terms:

A deposit of \$600 is required at the time of registration. Deposits are fully refundable up to thirty (30) days from the scheduled course commencement date. Cancellations made within thirty (30) days of the scheduled course commencement will forfeit the deposit.

## Entry Requirements:

DC102 is designed for those who have a minimum of two (2) years of experience in data center design and/or construction.

If you do not meet the experience requirements, BICSI strongly recommends that you complete the Introduction to Data Center Design online course prior to enrolling in DC102.

## Required Materials

All students must purchase the ANSI/BICSI 002-2014 standard prior to attending class and bring it with them each day of the class. Students can purchase via this link [www.bicsi.org/standards/bicsi-standards/available-standards-store/single-purchase/ansi-bicsi-002-2014](http://www.bicsi.org/standards/bicsi-standards/available-standards-store/single-purchase/ansi-bicsi-002-2014)

Students must also bring a laptop or tablet to class each day.

## Course Highlights

The DC102 course will address the following areas:

- Data center design process
- Site location
- Building and support spaces
- Computer room layout
- Electrical systems
- Bonding and grounding (earthing)
- Mechanical systems
- Telecommunications and IT
- Ancillary systems
- Security systems
- Fire protection systems
- Building automation systems (BAS)
- Lighting
- Security plan

## Who Should Attend

- Anyone involved in planning, implementing, operating and making critical data center decisions
- Architects
- Data center professionals
- Designers
- Engineers
- Facility managers
- IT professionals
- Project managers
- Telecommunications professionals

## Exam and Credentialing

The DCDC exam and associated credentialing is not included in the course fee. You must apply and register for the exam separately. You may complete an exam application online at [www.bicsi.org/education-certification/certification/dcdc](http://www.bicsi.org/education-certification/certification/dcdc)

## Course Outcome

This is a non-accredited training program. Participants who successfully complete this program will be issued with a Certificate of Completion.

## What do I need to do now?

- Enrol in the DC102 course by emailing [bicsi@jbhunter.edu.au](mailto:bicsi@jbhunter.edu.au)
- Obtain a copy of the ANSI/ BICSI 002-2014 from [bicsi.org](http://bicsi.org)
- Download a copy of the DCDC application form if you wish to work towards the DCDC credential. The form can be found at [https://www.bicsi.org/docs/default-source/certification-section-files/dcdc-exam-app.pdf?sfvrsn=c49e54ae\\_4](https://www.bicsi.org/docs/default-source/certification-section-files/dcdc-exam-app.pdf?sfvrsn=c49e54ae_4)

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