

DD100 : Introduction to Voice & Data Cabling Systems

Course Objective

DD100 is the first of the series of BICSI's Telecommunication Distribution Design and Fiber Optic Design courses targeting at telecommunication specialists who are taking the first step to learn and acquire the telecommunications network design skills and knowhow.

Information technology systems (ITS) and cabling requirements are constantly changing. Office buildings need high performance cabling systems for Internet and intranet capability. Campuses have moved from a few phones per campus to wiring each classroom with high-speed integrated solutions. Many building cabling systems are now integrated with voice, data, security, paging and environmental controls.

Millions of dollars are wasted every year due to improper design and installation. The majority of network problems are directly or indirectly attributed to the performance of the cabling system.

This 2-day course introduces you to cabling pathways and spaces, different types of cabling, transmission characteristics of cabling, how to work with contractors, how to evaluate the work and how projects are implemented.

Who Should Attend

Architects, general contractors, electrical inspectors, building facility managers, school network administrators, sales/marketing personnel and individuals planning to enter careers in in the ITS industry, as well as those looking to attain their RCDD, RITP, ITS Installer or ITS Technician credential

DD102: Designing Telecommunications Distribution Systems

Course Objective



DD102 *Design Telecommunications Distribution Systems* course focuses on training the students to how to design distribution systems in this comprehensive workshop.

DD102 is an intensive 4-day course that focuses on designing a structured cabling system. You will design telecommunications spaces, horizontal and backbone distribution systems, respond to and bid an RFQ and select media. Effective strategies utilized to enhance your learning experience include case studies and structured application exercises using modernized blueprints with solutions based upon real-world conditions.

DD102 is also an essential course to prepare the participants for the Registered Communication Distribution Designer (RCDD) examination, a credential which sets the benchmark for the Information Transport Systems (ITS) industry.

Those awarded with the RCDD designation have demonstrated their knowledge in the design, implementation and integration of information transport systems and related infrastructure.

Who Should Attend

Individuals responsible for information technology system (ITS) design with at least two years of on-the-job experience in low-voltage cabling systems

DD102 is Endorsed by CITREP

CITREP Expanded program supports up to 50% of the course and RCDD exam fees, capped at S\$2500 per trainee. Funding support is for Singapore citizens and permanent residents. Please visit www.ida.gov.sg/citrep for full details.

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.

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.

For enquiry of the above courses, please contact Madeline at +65-8133-7670 or email at BICSI_Certified_Training@fiberopto.com

Productivity and Innovation Credit (PIC)

For eligible Singapore companies, you may want to take advantage of the Productivity and Innovation Credit (PIC) Scheme from the Government where companies can enjoy 400% tax deduction or 60% cash back for this training course.

For Year of Assessment 2013 – 2015, an additional cash bonus of up to maximum of S\$15,000 called PIC bonus may be given for dollar-for-dollar for the PIC expenditure.

See link at <http://www.iras.gov.sg/irashome/picredit.aspx> for more information on PIC scheme.