





Hello and Welcome to the Universe Training Academy

Thank you for taking an interest in our dedicated BICSI Registered Communications Distribution Designer (RCDD) course. As a global professional association, BICSI is the pre-eminent source of information, education and knowledge for the constantly evolving information and communication technology industry.

The RCDD accreditation is one of the industry's leading design credentials enabling qualified professionals to standardise designs across worldwide locations.

universe Academy have been awarded Authorized Design Training Provider (ADTP) status MEA which enables us to provide certified materials and courses lead by certified instructors.

Speak to our Technical Team today who can advise you on upcoming training dates and provide more information.

We look forward to hearing from you.



Contents

Contents	1.
Why BICSI RCDD?	2.
DD102	3.
Designing Telecommunications Distribution Systems	
Areas of Knowledge	4.
RCDD Test Preparation Course	5.
TDMM	6.
Telecommunications Distribution Methods Manual Overview	
Notes	7.



Why BICSI RCDD?

Become a part of the industry's most prestigious training course designed for industry professionals looking to advance. Many international companies require an RCDD Accreditation, as this shows an enhanced level of expertise required for system installs.

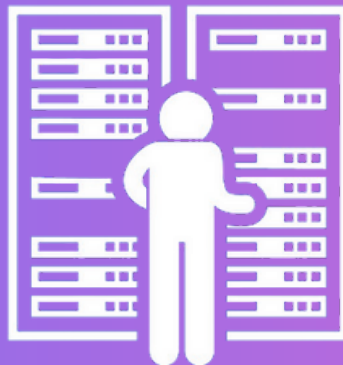
The accreditation will provide advanced industry knowledge from multiple systems and is the highest design credential available. BICSI RCDD is an internationally recognised accreditation which opens up new and exciting prospects for all.

Recommended Experience:

DD102 is designed for those who have a minimum of five years of information and communications technology (ICT) industry design experience within the last ten years or two years of verifiable ICT design experience within the last ten years and three years of additional ICT equivalents chosen from combinations of experience, approved education and approved ICT license/certification (i.e. NTS, WD, CCNA). BICSI reserves the right to determine what is approved curriculum and approved ICT license/certification.

BICSI strongly recommends that you sit the DD101: Foundations of Telecommunications Distribution Design online course.

**HOW DO YOU
COMPLETE
THE COURSE?**



The RCDD credential is achieved by passing a comprehensive, application-based and knowledge-based exam rooted in the Telecommunications Distribution Methods Manual (TDMM).



DD102: Designing Telecommunications Distribution Systems

DD102 is an intensive hands-on course focused on the design of structured cabling systems. You will design telecommunications spaces, as well as horizontal and backbone distribution systems. Effective learning strategies include case study review and structured application exercises using modernised blueprints with solutions based on real-world conditions.

DD102 has been completely revamped to maximize your take-away from the class, as well as your success on the Registered Communications Distribution Designer (RCDD®) exam.

Now offering hands-on activities from day one, this knowledge intensive course instructs you in real-world tasks, preparing you for life outside of the classroom. Take-home assignments augment your learning, allowing you to prepare questions for the classroom.

In addition, students work together to complete a final group project, allowing them to put to use what they learned in class immediately.

Course Highlights:

The DD102 course will address the following areas:

- Increased Hands-on Activities
- Codes, Standards and Regulation
- Telecommunications Spaces
- Horizontal Distribution Systems
- Backbone Distribution Systems
- Outside Plan (OSP) and Campus Cabling
- Firestopping
- Telecommunications Administration
- Bonding and Grounding (Earthing)

REQUIRED MATERIALS



Telecommunications
Distribution Methods
Manual (TDMM)



Required Materials:

- Telecommunications Distribution Methods Manual (TDMM)
- Laptop or tablet

Suggested Study To Achieve Qualification:

- RCDD Online Test Preparation Course
- DD101: Foundations of Telecommunications Distribution Design (online)
- DD102: Designing Telecommunications Distribution Systems
- 125-plus hours of study from the above referenced materials

Key Areas for Concentrated Learning:

- Principles of Transmission
- Electromagnetic Compatibility
- Telecommunication Spaces
- Backbone Distribution Systems
- Horizontal Distribution Systems
- ITS Cables and Connecting Hardware
- Firestop Systems
- Bonding and Grounding (earthing)
- Power Distribution
- Telecommunications Administration
- Audiovisual Systems
- Data Networks
- Wireless Networks
- Electronic Safety and Security
- Data Centres

READY TO SIT THE EXAM?

Before taking the exam, you must meet the prerequisite requirements and be approved by BICSI.

Prerequisite Requirements:

Five years of distribution design experience OR two years of distribution design experience AND three years of additional ICT equivalents (experience, approved education and approved ICT license/certification)

Applications can be completed online at www.bicsi.org.



RCDD Test Preparation Course

Comprehensive Online Preparation for the RCDD Exam

Studies suggest that test preparation courses can help raise a test score by up to 25 percent. The official BICSI RCDD Online Test Preparation Course is more than just you, a computer and a series of questions. BICSI has designed this comprehensive package to give you access to the highest quality training materials available, from flash cards to videos and more. The RCDD Online Test Preparation Course provides everything you need to help you be successful on the RCDD exam.

Course Highlights:

- Gain an overview of the exam, including the test format and applicable chapters; Learn key formulas needed to help you pass the exam; Receive study tips.
- Interactive games and strategies to help you memorise key concepts.
- Take two 90-minute practice exams; Feedback will be given highlighting areas that need improvement.
- Download lessons from experienced RCDDs; Lessons target: horizontal distribution, backbone distribution

Required Materials:

- Students must have access to the Telecommunications Distribution Methods Manual (TDMM).
- Laptop or tablet

WHO WILL BENEFIT

This course is designed for candidates who are preparing to take the RCDD exam or who want a review of telecommunications distribution systems.

Only the RCDD Online Test Preparation course offers you a combination of gaming practice, recorded lessons, online flash cards, a downloadable strategy booklet and sample exams.

Visit www.bicsi.org/rcdd for more information.



TDMM, 13th Edition

Telecommunications Distribution Methods Manual Overview

The Telecommunications Distribution Methods Manual (TDMM) is BICSI's flagship manual, a true world resource in global best practices, as well as the basis for the Registered Communications Distribution Designers (RCDD®) exam.

The TDMM provides deep reference information on the standards and codes that impact our readership, providing readers with the guidelines to execute future-ready projects with reduced cost.

The manual provides critical design information and practices for today's and tomorrow's networks. In addition to updating existing practices to current technology for data networks, the 13th edition TDMM has incorporated new information to address the issues and solutions emerging for tomorrow's networks, including:

- Distributed Antenna Systems (DAS)
- Passive Optical Networks (PON) within buildings
- IP Infrastructure for AV Systems

Emphasis has been placed on ensuring content is applicable to the designer's needs of today. A new section on business development has also been added.

Whether a newcomer or seasoned veteran to ICT design, the TDMM is an indispensable reference that completes any ICT library, available as a two volume printed manual or via electronic download.