



iBwave CERTIFICATION COURSE SYLLABUS

LEVEL 1: iBwave DESIGN ENTERPRISE NETWORK PLANNING

Note: Course syllabus is subject to change

PRE-COURSE FUNDAMENTALS

(to be completed through the Learning Center)

- ➔ Getting Started with iBwave Design (video)
- ➔ In-Building Project Review
- ➔ Project Deployment Process

INTRODUCTION TO iBwave DESIGN

- ✓ In-building design challenges
- ✓ What is iBwave Design?
- ✓ iBwave Design features and benefits
- ✓ iBwave Design workspace

CREATING PROJECTS

- ✓ Starting a project
 - Guidelines
 - Defining key project properties
- ✓ Modeling a building
 - Modeling workflow in 2D
 - Duplicating plans
 - Building configuration
- ✓ Designing a network
 - Types of components
 - Subparts
 - Component groups
 - Preferred parts
 - Network design workflow
 - Assigning components to floor plans
 - Design plan
 - Design tasks
- ✓ Preparing for reports
- ✓ Reviewing other useful settings
 - Project properties
 - Tools

REPORTS

- ✓ Generating reports
- ✓ Report types
- ✓ Customizing Reports

DESIGN VALIDATION

- ✓ Common mistakes and pitfalls in designing
 - Floor plan - incorrect order or missing
 - Location of building reference point between floors
 - Verifying the debug message list
 - Replacing cables after project clean-up
 - Unbalanced power distribution
 - Cable connectors

COMPONENTS DATABASE EDITOR

- ✓ What is the Components DB Editor?
- ✓ Accessing the Components DB Editor
- ✓ Components DB Editor workspace
- ✓ Types of databases
- ✓ Shared database procedures
- ✓ Exporting & importing
- ✓ Edit options
- ✓ View options
- ✓ Creating components
- ✓ In-building network components database

DESIGN FROM SCRATCH WORKSHOP

- ✓ Creating a new project
- ✓ Designing a network
- ✓ Cleaning up the design

FINAL EXAM

(2.5 hours)