

Hands-On

TIRKS Circuit Design ISDN



Course Description

This program teaches ISDN circuit design fundamentals. The participants will design several ISDN circuits using TIRKS.

Students Will Learn

- Pre Test
- Overview of ISDN BRI and PRI services
- Program Topics Cont.
- AMI and 2B1Q line code
- The ISDN reference model
- ISDN BRI Loop Qualification guidelines
- U-type mid-span repeater circuit design
- ISDN BRI circuit design utilizing Inter-Office carrier
- ISDN BRI circuit design utilizing SLC96 Digital Loop Carrier
- ISDN BRI circuit design utilizing SLCSeries 5 DLC
- ISDN BRI circuit design utilizing SLC2000 DLC
- ISDN BRI circuit design utilizing DISCS DLC
- ISDN BRI circuit design utilizing LITESPAN2000 DLC
- ISDN Primary Rate Interface (PRI) circuit design
- Post Test / Performance Exercise

Target Audience

Persons with ISDN Special Service circuit design responsibilities.

Prerequisites

Transmission and Signaling Fundamentals, TIRKS Circuit Design Fundamentals.
Recommended minimum of three months on-the-job TIRKS design experience.

Delivery Method

Instructor-Led with numerous "Hands-On" design exercises using the TIRKS training databases to process example service orders.

Equipment Requirements

(This apply's to our hands-on courses only)

A classroom with appropriate seating, writing surface and projector and screen. One TIRKS terminal is highly recommended per student.

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

5 Days