

Hands-On

# 5ESS TLWS and Testability 5-Day Live Virtual



## Course Description

This Hands-On course, 5ESS TLWS and Testability, presents metallic (POTS) line testing, Digital ISDN (DSL) testing and basic Message Trunk testing via 5ESS Trunk and Line Work Station (TLWS), Supplementary Trunk and Line Work Station (STLWS) and through 5ESS Input Messages.

The 5ESS TLWS and Testability course begins by presenting electronic theory and how it pertains to telecommunications.

This includes basic transmission characteristics and the local loop. The next lesson addresses the 5ESS circuitry and units that are used to perform and request tests via the TLWS, STLWS or through Input Messages. This lesson also includes translations that can impact the operation of the test circuitry. The main point of this course is the TLWS and STLWS

Screens and Commands lesson. This is divided into two lessons that address all the TLWS STLWS screens and their abilities.

The first TLWS STLWS lesson addresses customer Line Testing and the second lesson addresses Trunk Testing. This is followed with a lesson addressing Remote Testing procedures encompassing the Pair Gain Test Controller (PGTC) and Test Bus Control Unit (TBCU).

The last added lesson presents 5ESS Input and Output Messages that can be used to request different tests. 5ESS documents are extensively used and referenced through this course.

The objective of 5ESS TLWS and Testability is to present 5ESS TLWS and STLWS testing capabilities, plus train maintenance personnel on testing procedures.

We will be extending this class from 3 days to 5 days to include more live examples, any necessary revisit of material covered in previous sessions offered and additional information that is usually covered in 5ESS Operations Field and Control Center (CO Gridboard) -Call Processing through the 5ESS and Related Recent Change Views. Alcatel-Luents 5ESS Dyna Text Switch. This will also include the Control Center (SCCNOCNRC etc.) Operational Support System (OSS NMA, TNM, Netcool, etc.) messages.



## Delivery Method

Virtual Live Instructor-led with Hands-On labs and exercises.

## **Equipment Requirements**

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

Access or remote access to a 5ESS Switch is required for this training.

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