

Course Code – TRA14003

SDH Overview

This course gives an overview of SDH and how the modern transport network works. The course is tailored for those who do not require in-depth technical knowledge, but a basic understanding of SDH.

Prerequisites:

None, this course provides a basic overview of the principles of SDH.

Learning Objectives:

At the end of the course, participants will be able to relate to:

- The evolution of SDH
- SDH Terminology
- SDH Network Structures
- SDH Signals and Framing Structures

Who Should Attend?

- Project managers and team members that manage and work on SDH projects.
- Technical managers that manage technicians and engineers who work with SDH.
- Administration or Support staff who work within an SDH based environment.

Course Outline

- To appreciate the limitations of PDH
- SONET, the origins of SDH?
- To appreciate the improvements and enhancements SDH delivers.
- To gain a basic understanding of SDH equipment.
- To understand the SDH multiplexing structure.
- An outline of SDH management.
- Examples of manufacturer specific Network Elements.
- Applications and SDH Networks are illustrated throughout the course.