

NA405 VistaNET System User Training

Course Description



Course Duration

The duration is 4 days.

Course Goal

Student Profile

This course is designed for the plant supervisors, operators, analyzer technicians and engineers whose responsibilities typically include the following:

- Interaction with MIS (Management Information Services)
- Interaction with local Area Network (LAN) Administrator
- Configuring interface To The Host Computer or DCS

Prerequisites and Recommendations

Experience in operating Microsoft Windows is helpful.

Description

In this course, students will learn about:

Networking Fundamentals:

- Definitions, Terminology and Vocabulary
- Network Devices: Analyzer, Personal Computer and Analog Digital Module
- Typical Network Layout and Overview

- Defining and Determining Network Addresses
- Network Cabling Schemes

Accessing and Using Network Applications:

- How Hardware and Software Applications Interface
- Remote User Interface: VistaRUI/ Gas Chromatographic Controller, Continuous Analyzer Controller, Multiwave Photometer and Host Interface Unit
- Reporting Data: VistaReporter/ Display, Printer, or File
- Storing Information To A Data Base: VistaStorage/ Trends/SQC/Analyzer Management
- VistaNET Names Services Administrator (VNSA): The Systems Address Book
- Data Transfer: Understanding Subscriber Lists
- VistaNET Operator Menus: Navigating Through System Information

Operator Trouble Shooting:

- Viewing and Interpreting Statistical Information and Alarms
- Isolating The Problem



Hardware Installation:

- Cable Segments: Twisted Pair, Twinaxial, Fiber Optic; Connections; Terminations
- Installing VistaNet Communication Boards into Personal Computer, GCC and HIU
- Installing the Host Interface Unit
- Installing Routers and switches or hubs

Software Installation and Personal Computer Setup:

- INI DOS File, VNSA, VistaRUI, VistaReporter, VistaStorage, VistaRouter Configuring Network Applications
- Defining and Creating Tables and Subscriber List: VNSA, VistaRouter, Host Interface Unit, and Analyzer Controllers
- Configuring Output Format: VistaReporter, Host Interface Unit
- Configuring Routers

Setting Device Addresses:

- Individual Addresses: Personal Computer, Analyzer Controller and Host Interface Unit and Routers.

