Course Description
This course consists of lectures, demonstrations, laboratory exercises, and question and answer sessions designed to educate the student in the system hardware layout, operation display functionality, and basic loop building in the CENTUM VP system.

Duration
3 days

Objectives/Outcomes
Upon completing the course, the learner will be able to exhibit the ability to:

- Identify and define the function of each system component
- Identify and interact with all the standard display panels

Intended Audience
All Plant personnel who need to understand the functionality of the CENTUM VP system.

Course Prerequisites
None

Technical Requirements
- Basic file/folder manipulation in a Windows environment

Materials
Each learner will be provided with the appropriate course workbook.

Evaluation Methods
- Laboratory exercises
- Question and answer sessions

Requirements to Be Awarded Certification
- Submit completed course Registration Form
- Fulfill financial obligations
- Fulfill the 90% attendance requirement by signing-in each day of facilitated course
- Fulfill the 70% or above overall scoring requirement on labs and projects
Course Syllabus

Day 1
- Hardware terminology
- Human Interface Station (HIS)
- Field Control Station (FCS) and I/O modules
- ProSafe RS and PRM Overview
- System Architecture
- I/O Module Addressing
- On-line Documentation
- Analog and digital Instrument faceplates
- Exercises

Day 2
- Operation Screens
- Tuning, trend, and graphics
- System display navigation
- System Maintenance Windows
- Network, FCS and IOM real time displays
- HIS Setup
- Exercises

Day 3
- Process and Historical Reports
- Sequence tables, Logic Charts and SEBOL Control Program overview
- Creating and displaying a Feedback Control Loop
- Exercises

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