CS 3000 Essentials Training
Course 7100

Course Description

The 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 CS 3000 system.

Duration
3 days

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

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

Intended Audience
All Plant personnel who need to understand the functionality of the CS 3000 system.

Course Prerequisites
None

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

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

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

Evaluation Methods
- o Laboratory exercises
- o Question and answer sessions

Course Syllabus

Day 1
- o System Hardware Overview
- o I/O Modules
- o Operation Screens
- o Exercises

Day 2
- o Operation Screens
- o System Maintenance Windows
- o HIS Setup
- o Exercises

Day 3

- o Process and Historical Reports
- o Control Programs
- o Creating a Feedback Control Loop
- o Exercises

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