

Distributed Control Systems Masterclass

22nd - 24th February 2022

Instructor Led Online Course

Course Objectives

By end of this course, each delegate will be able to: -

- **Gain** a solid understanding of the architecture and operation of Distributed Control Systems (DCSs)
- **Design** the overall DCS and process control system
- **Know** better specification of planned DCSs
- **Improve** process performance for your plant
- **Understand** the key ergonomic issues in design of operator displays
- **Apply** advanced control strategies to plant control system
- **Optimize** your existing DCS process control capabilities
- **Design** and **Create** a consistent and effective alarm philosophy for installation
- **Recognize** and **Deal** with human problems in interfacing to alarm systems

Course Methodology

This 3-day Instructor Led Online Course will be conducted via ZOOM - Webinar / Video Conferencing. Delegates are required to have a working Webcam and Headset with Microphone. For a smooth conferencing, delegates should have an Internet Speed of at least 8Mbps Download and 1.5Mbps Upload Speed.

Why you Should Attend?

This Distributed Control Systems online training course has been designed with these recent trends in mind while covering the most important components of a DCS in detail. Emphasis is placed on DCS operation, networking, HMI, and Alarms. Topics of importance to field Engineers and Operators such as Maintenance and Troubleshooting are covered. Finally, the state of the art advanced process controllers and latest trends are also covered. The course is a high level and covers the broad spectrum of distributed control system technologies and implementations.

The course covers major components (hardware and software) of the system and intends to deliver a systematic approach right from the start when you begin to know or use the system. The presentation uses a unique and concise visual format to explain the system functions, tools, and their applications. The aim of the format is to help the user to gain the necessary software skills effectively so that they can move quickly onto solving their control tasks.

Who Should Attend?

Executive managers, senior managers, section managers, superintendent, engineers, technicians of:

- Electrical
- Instrumentation
- Automation
- Process Control
- Process
- IT
- Electronic
- Configuring engineers
- Programmers
- Commissioning engineers
- Technologists
- And anyone who is involved for the selection, application, and implementation and troubleshooting of distributed control systems.

Organized by:



For more details, contact hello@fdb.sg