



### Objectives

This course covers the configuration and general setup procedures for Foundation Fieldbus, using tools provided by Yokogawa. Participants will learn how to use the Yokogawa Centum CS3000 configuration tools and learn about the Foundation Fieldbus standard, its issues and functionality. The course includes hands-on workshops and exercises, using Yokogawa and industry standard instrumentation

### Who should attend?

Instrument technicians and engineers involved in the design, installation and operation of Foundation Fieldbus networks.

### Prerequisite knowledge

Participants should have an understanding of DCS and instrumentation. They should have completed the Foundation Fieldbus Fundamentals course.

### Programme

#### Day 1:

- § Introduction: engineering workflow
- § Software design
- § Software generation
- § Exercises/workshop

#### Day 2:

- § Setup
- § Connecting:
  - Yokogawa transmitters
  - Connecting non-Yokogawa Transmitters
- § Hardware design
- § Internal test & FAT
- § Exercise: segment start-up
- § Trouble investigation/troubleshooting

#### Day 3:

- § Set up an ALF111 card
- § Segment design and configuration
- § Foundation Fieldbus function blocks: design & and build
- § Foundation Fieldbus typicals
- § CD File creation, download and copy
- § Hardware connectivity

### Duration

3 days