
COURSE DESCRIPTION

G5951e – DCS880 Standard Firmware

Internet Course (EN)

Course Duration

0.5 hours, depending on personnel knowledge

Course type

This course includes self-study material.
The language of the course is English.

Course Goal

The goal of this course is to get the most important information of the DCS880 Standard Firmware.

The training covers the following topics:

- DCS880 Standard Firmware
 - Overall overview and diagram navigation in Drive composer pro
 - Firmware Structure Diagrams

Student Profile

Field service engineers and technical support of the DCS880 DC drive.

Prerequisites and Recommendations

The student should have:

- Basic knowledge about electrical wiring
- Basic knowledge of DC drives
- Physical understanding for drives application

Preparation e-Learning courses

E-learning courses **G570e – DC drives fundamentals and G5950e – DCS880 Basics Hardware (H1 – H4)** to attending this course is needed.

Course Objectives

Upon completion of this course, students will be able to:

- Know how a DC motor works
- Know the functionality of a 6-pulse thyristor bridge
- Know the functionality of armature and field converter
- Know about the commutation and harmonics with DC drives

Main Topics

- Characteristics of a DC motor
- Control structure of a DC drive
- Armature converter and field converter
- Drive configurations
- Continuous and discontinuous current

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