

COURSE DESCRIPTION

G640

ACQ580-01 Basics Hands-on Course



Course Type and Description

The ACQ580-01 basics learning event comprises of two parts: e-learning courses and classroom course.

This is the second part of the learning event: the classroom course including hands-on lab activities with ACQ580-01 demo units supported by an instructor. Theory-based internet courses needs to be studied before attending to this course.

The first part of the learning event includes the theory-based e-learning courses mentioned in prerequisites. Please note that the e-learning course material is not covered during the classroom course. You are required to complete the e-learning part before the classroom part, which is essential in order to be able to succeed in the hands-on lab activities during classroom days. The status of e-learning courses completion is monitored.



Course Objective

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

- Install ACQ580-01 drive
- Do start-up of ACQ580-01 drive using control panel
- Use Drive composer entry PC tool and do start-up of ACQ580 using the tool
- Do basic maintenance tasks on ACQ580-01



Main Topics

- ACS880 Hardware and software basics
- ACS880 primary control program
- Control panel functions
- Start-up of the drive
- ACQ580-01 hardware construction
- Installation principles of ACQ580-01
- ACQ580-01 control panel operation
- ACQ580-01 software features
- Drive composer entry
- Basic maintenance tasks of ACQ580-01 drive



Course Duration

The course duration is 1 day.



Prerequisites

- Basic knowledge of electronics
- Basic knowledge about drives
- English language communication and understanding skills
- E-learning courses G020e, G6400e, G6401e, G6402e, G6403e, G374e, G375e, G381e



Student Profile

This course is intended for electricians, technicians, designers and engineers, who install, operate, program and do basic maintenance to ACQ580-01 drives.



Course Goal

The goal of this course is to introduce students to ACQ580-01 Drive.

Day 1

09:00 Course Information
09:15 ACQ580-01 Information
09:30 Exercises Begin
10:30 Coffee Break
10:45 Exercises Continue
12:00 Lunch
12:45 Exercises Continue
14:00 Coffee Break
14:15 Exercises Continue
15:45 Finishing up the Course
16:00 End of the Day

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