G301 – ACS600 Single Drive, Power Range 630-3000kW
Start-Up, Maintenance and Service

Course Type
Classroom course

Course Duration
The course duration is 1 day.

Course Goal
The goal of this course is to teach students to start-up, adjust, operate, maintain, troubleshoot and repair high power range ACS600 single drive frequency converters.

Student Profile
This course is intended for electricians, technicians, and engineers who install and service high power range ACS600 single drive frequency converters.

Prerequisites
- Basic knowledge of electronics
- Experience in using a Windows PC
- Course G300. Please refer to the accompanying figure for the course name and duration.

Description
This course belongs to a learning path. Please see the accompanying figure of possible learning paths.

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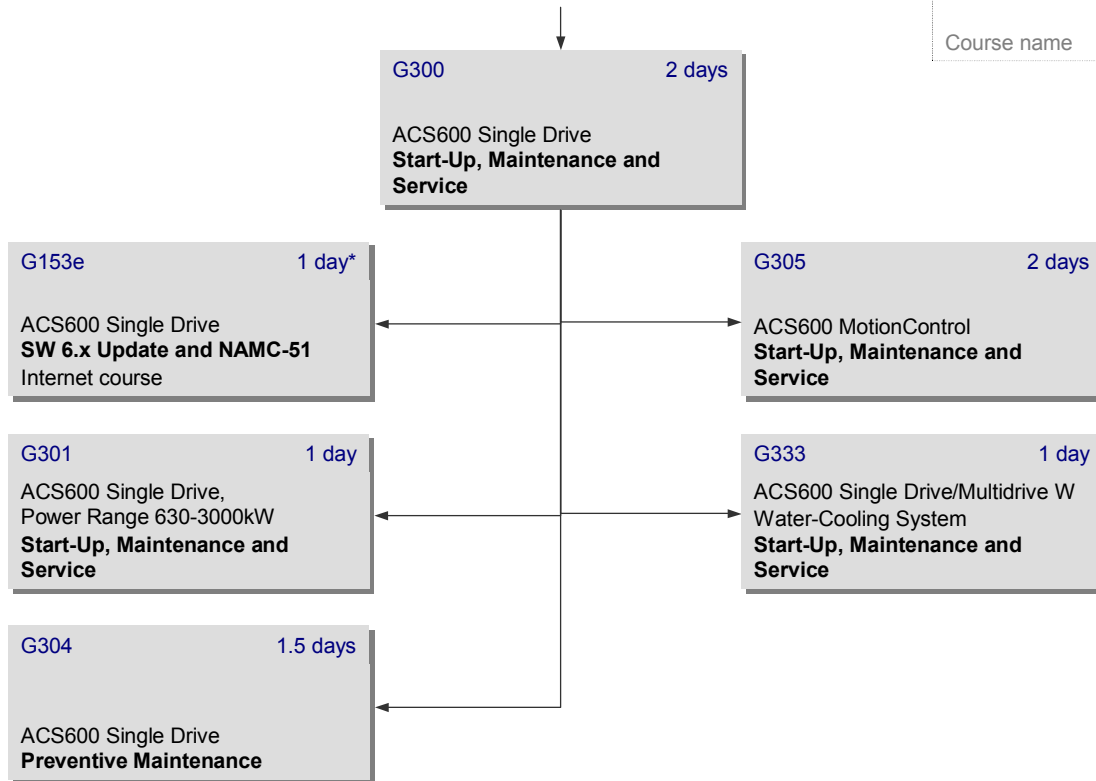Upon completion of this course, students will be able to:

- Commission and tune high power range ACS600 single drives
- Make backups and restore application programs
- Use the Supply Section program tools

Main Topics
- Component and board functions
- Using and interpreting circuit diagrams and other system documents
- Locating and identifying terminals, boards and other components
- Using the Supply Section commissioning and maintenance tool
- Frequency converter start-up and control
- Operations and measurements of the supply sections
- Optional equipment overview
- Fault tracing methods

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ACS600 Single Drive Learning Paths

G300 — 2 days

ACS600 Single Drive
Start-Up, Maintenance and Service

G153e — 1 day*

ACS600 Single Drive
SW 6.x Update and NAMC-51
Internet course

G305 — 2 days

ACS600 MotionControl
Start-Up, Maintenance and Service

G301 — 1 day

ACS600 Single Drive,
Power Range 630-3000kW
Start-Up, Maintenance and Service

G333 — 1 day

ACS600 Single Drive/Multidrive W
Water-Cooling System
Start-Up, Maintenance and Service

G304 — 1.5 days

ACS600 Single Drive
Preventive Maintenance

* The duration of the Internet courses depends on personal professional background and study pace

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