Course Type and Description
The ACH580-01 basics learning event comprises of two parts: e-learning courses and classroom course.

This is a remote classroom course with hands-on lab activities supported remotely by an instructor. Before this course the theory based e-learning courses, listed in the prerequisites, need to be studied.

This course contains remote hands-on ACH580 exercises and remote exercise with video demonstration. This course belongs to a certificates that may utilize blended learning. The status of e-learning courses completion is monitored.

Main Topics
- Start-up of the drive
- ACH580-01 hardware construction
- Installation principles of ACH580-01
- ACH580-01 control panel operation
- ACH580-01 software features
- Drive composer entry
- Basic maintenance tasks of ACH580-01 drive

Prerequisites
- Experience in using a Windows PC
- Basic knowledge about electronics
- Basic knowledge about drives
- English language communication and understanding skills
- E-learning courses:
  - G3590e - ACH580-01 series offering, Internet course
  - G3591e - ACH580-01 hardware features, Internet course
  - G3592e - ACH580-01 software features, Internet course
  - G3593e - ACH580-01 startup, Internet course
  - G616e - ACH580-01 applications, Internet course

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

- Install ACH580-01 drive
- Do start-up of ACH580-01 drive using control panel
- Use Drive composer entry PC tool and do start-up of ACH580 using the tool
- Do basic maintenance tasks for ACH580-01

Course Description
G3590V
ACH580-01 Basic Hands-On Course

Student equipment
At least one ACH580 democase, PC with drive composer program and USB C-mini cable are mandatory. Two students can work together on the equipment.

Course Duration
The course duration is 1 day.

Student Profile
This course is intended for electricians, technicians, designers and engineers, who install, operate, program and do basic maintenance to ACH580-01 drives.

Course Goal
The goal of this course is to introduce students to ACH580-01 drive.
## Day Programme

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>09:00</td>
<td>Course &amp; SW Information</td>
</tr>
<tr>
<td>09:15</td>
<td>Exercises</td>
</tr>
<tr>
<td>10:30</td>
<td>Coffee Break</td>
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<tr>
<td>10:45</td>
<td>Exercises</td>
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<tr>
<td>12:00</td>
<td>Lunch</td>
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<tr>
<td>12:45</td>
<td>Exercises</td>
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<tr>
<td>14:00</td>
<td>Coffee Break</td>
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<tr>
<td>14:15</td>
<td>Exercises</td>
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<tr>
<td>15:45</td>
<td>Finishing up the Course</td>
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<tr>
<td>16:00</td>
<td>End of the Day</td>
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