

## UK Based Classroom Training Courses

### Control Systems

#### Regularly Scheduled Public Courses

T308 System 800xA with AC800M - Hardware, Maintenance and Troubleshooting  
 T309 System 800xA Safety AC800M High Integrity Configuration and Maintenance  
 T315C System 800xA with AC800M Engineering Part 1, Control Builder  
 T315H System 800xA with AC800M Engineering Part 2 Human Interface System  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

#### Private Courses available on Request

T305 System 800xA with AC800M - Administration and Installation  
 T310 System 800xA Operation  
 T314 System 800xA - Basic Configuration  
 T315F System 800xA with AC800M Engineering Part 1, Function Designer  
 T360 System 800xA - Basic Engineering for Channel Partners  
 T365 System 800xA - Compact Control Builder Configuration  
 A331 Advant Controller 400 Configuration and Operation  
 GB240 Advant Controller AC400 and System 800xA Maintenance  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Drives and Motion

#### Regularly Scheduled Public Courses

G152 ACS800 Single Drive Operation & Maintenance  
 G156 ACS800-X7 Single Drive Operation & Maintenance  
 G380 ACS880 Single Drive Operation & Maintenance  
 G390 ACS580 Single Drive Operation & Maintenance  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

#### Private Courses available on Request

G163 ACS800LC Liquid Cooled Drives Start-up Maintenance & Service  
 G165 ACS550 Single Drive Operation & Maintenance  
 G166 ACH550 Single Drive Operation & Maintenance  
 G358 ACS380-04 Single Drive Basic Hands-on  
 G356 ACS355 Operation and Programming  
 G650 ACS850 Single Drive Start-up & Service  
 G653 ACQ810 Start-up & Service  
 GB050 ACS1000 Basic Operation & Maintenance  
 G1932 Mint Motion Programming Level 1 for Support Engineers  
 G1933 Mint Motion Programming Level2 for Support Engineers  
 G1934 Mint Motion Expert Training  
 G1935 Mint Motion for Service Engineers  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Electrification Products and Services

#### Private Courses available on Request

Lightning Protection Course  
 Lightning Protection - Earthing  
 Lightning Protection - Surge Protection  
 New Standards in Lightning Protection - Understanding BS EN 62305:2006  
 17th Edition First Amendment - Surge Protection  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Engineering Professional Development

For full list of scheduled and on request training courses please view: [www.abb.com/uk/consulting/training](http://www.abb.com/uk/consulting/training)

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[www.abb.com/abbuniversity](http://www.abb.com/abbuniversity)

### Functional Safety

#### Regularly Scheduled Public Courses

T145 IEC 61511 Functional Safety Appreciation and Awareness  
 T146e Failure Mode and Effects Analysis (FMEA)  
 T152 TÜV Rheinland Functional Safety Technician  
 T153 Cyber Security related to the Functional Safety  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

#### Private Courses available on Request

T141 Functional Safety Achieved SIL Assessment  
 T142 TÜV Rheinland Functional Safety Engineer  
 T148 End User Appreciation & Awareness in Functional Safety Assessment (FSA)  
 T154 TÜV Rheinland Cyber Security Specialist  
 GB144 Updates to IEC 61511 edition 2  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Measurement Products & Analytics

#### Regularly Scheduled Public Courses

Z452 AZTEC & Navigator 600 Technician Training  
 Z459 Advance Optima Analyser Technician Training  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

#### Private Courses available on Request

Z454 ACF-NT Operator training  
 Z455 ACF-NT Technician training  
 Z451 AZTEC & Navigator 600 Operator Training  
 Z453 Zirconia Oxygen Analyser Technician Training  
 Z457 ABB NGC8206 Technician Training  
 Z458 Advance Optima Analyser Operator Training  
 Z460 PGC2000 & VistaNET Technician Training  
 Z450 Ph, Conductivity, Dissolved O2 & Turbidity Training  
 Z603 Electromagnetic Flow Metering Training  
 Z1610 ScreenMaster Videographic Recorder Training Basic  
 Z1611 ScreenMaster Videographic Recorder Training Advanced  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Power Consulting

#### Regularly Scheduled Public Courses

GBPC001 Protection Coordination & Arc Flash Hazard Analysis  
 GBPC002 Power System Studies, Planning and Analysis  
 GBPC003 Introduction to Voltage control, Reactive Power Compensation, Harmonics & FACTS devices  
 GBPC004 Over Voltages & Insulation Coordination  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

### Programmable Logic Controllers

#### Regularly Scheduled Public Courses

F850 AC500, Basic Training  
 F851 AC500, Programming Training  
 Upcoming dates advertised via [www.mylearning.abb.com](http://www.mylearning.abb.com)

#### Private Courses available on Request

F871 Beginner PLC Training  
 F854 AC500, CP600 Basic Training  
 F855 AC500, AC500-S Safety PLC Training  
 Please send requests to [training@gb.abb.com](mailto:training@gb.abb.com)

### Robotics Training

Please contact [robotics.training@gb.abb.com](mailto:robotics.training@gb.abb.com) for regularly scheduled IRCS public courses lists and private courses available on request, including IRB 6640 and Pickmaster

## BROCHURE

# ABB University UK

## Comprehensive training solutions



ABB University UK/BRC068a/10/18

# ABB University UK

## Training solutions

ABB University UK provides comprehensive training and continuing development programmes to ensure that our service professionals have a thorough understanding of your assets and they have the knowledge, skills and experience to ensure your issues are resolved quickly, correctly and safely.

### ABB University

ABB is a business spanning all divisions of ABB internationally, over 100 training centres are supported by a global management team.

The UK business, based in Stone, Staffordshire, is the organisation that unifies all training activities run by ABB across the UK and supports other ABB training centres based at Aberdeen, Billingham, Coalville, Daresbury, Milton Keynes, St Neots and Stonehouse.

These facilities offer training on topics including Control Systems, Drives and Motion, Electrification products and Services, Engineering Professional Development, Functional Safety, Measurement and Analytics, Power Consulting, Programmable Logic Controllers and Robotics.

One of ABB's greatest strengths is its ability to offer its customers the broadest possible range of industrial products, services and systems supported by standard basic training courses scheduled throughout the year or via tailored training courses specific to customer projects.

To help realize optimum plant performance and efficiency, ABB University provides comprehensive performance-based training programs for engineering, operation and maintenance as well as service and commissioning personnel.

### Why train?

All industries face a common goal: maximizing production output at the lowest possible cost, while maintaining the highest quality end product. Whilst striving to achieve this goal, businesses face:

- Increasing demands for higher reliability
- Escalating operational and capital expenditure associated with running a plant or process
- Rising energy prices
- Pressures to improve productivity
- Stricter environmental and safety regulations

It is these challenges ABB University courses aim to address. Equipping attendees with the skills necessary to achieve performance targets whilst considering these wider issues.

### What courses and training are available?

Standard and scheduled courses run throughout the year from our fully equipped training centres. These are hands on, instructor led courses which cover our most popular training areas. The training material includes theory parts followed by hands-on exercises. All the exercises have step-by-step instructions which can be easily repeated.

Customised training courses are also available. ABB is experienced in tailoring training suitable to your exact requirements, covering your areas of interest and modified to show layout as per your systems, equipment and site. These custom courses can be delivered at an ABB facility or often brought to the customer site and may include a variety of topic and product subjects.

All course material is continuously being developed and is created in a modular way to ease learning.

### Methods of Learning

Training courses are available in a variety of formats. After speaking with you to determine the level of interactivity required and time window available we would be happy to advise which of the below will suit you best:

**Classroom (c)** - training held in a room with a instructor delivered face-to-face with the students. A classroom course is designated in the venue tag of the course number as 'c'.

**Virtual Classroom (vc)** - Internet based live training with a instructor with remote access to computers for participants, hosted on ABB's MyLearning online platform. A virtual classroom is designated in the venue tag of the course number as 'vc'.

**Video (v)** - digitally recorded training course, accessible via almost any online device via ABB's MyLearning platform. A video course would typically be a recording of a previously delivered webinar, or, a 3rd party provided instructional recording (e.g. how to use a tool). A video is designated in the venue tag of the course number as 'v'.

**Web based E-Learning (e)** - self-paced training delivered via ABB's MyLearning platform direct to the students online device. These courses are usually composed of multiple modules taking 30 - 60 minutes to complete. An eLearning is designated in the venue tag of the course number as 'e'.



### Instructors

ABB instructors are highly qualified professionals with extensive industry experience. The instructors always have the latest knowledge of the technology and products. During the training session, the instructor will not only guide the participant through the course, but will also allow time to practice in order to gain the most essential skills.

### Facilities

ABB training centres are equipped with all the equipment and software for learning. Physical components and software are used with the devices that simulate the process. This enables the learning environment that is real but safe for practicing. During the courses the participants will have the opportunity to complete exercises on this equipment so skills learnt can be transferred to real world environments smoothly.

Training can also be brought to your site to offer a more personalised service and help reduce your time away from your location.

Online training can be accessed via almost any online device anywhere in the world. This training is hosted via ABB's MyLearning online platform and allows the user to search, enrol and complete any course worldwide. To view this tool in its entirety please visit: [www.mylearning.abb.com](http://www.mylearning.abb.com)

