UK Based Classroom Training Courses

Control Systems
Regularity Scheduled Public Courses
T318 System B500A with ACB00M - Hardware, Maintenance and Troubleshooting
T319 System B500A Safety ACB00M High Integrity Configuration and Maintenance
T320 System B500A with ACB00M Engineering Part 1, Control Builder
T321 System B500A with ACB01M Engineering Part 2 Human Interface System
Upcoming dates advertised via www.mylearning.abb.com

Private Courses available on Request
T315 System B500A - Administration and Installation
T316 System B500A - Basic Engineering
T317 System B500A - Advanced Configuration
GB240 Advant Controller AC400 and System B500A Maintenance
Please send requests to training@gb.abb.com

Drives and Motion
Regularity Scheduled Public Courses
G152 ACS580 Single Drive Operation & Maintenance
G166 ACS580 Basic Single Drive Operation & Maintenance
G180 ACS580 Single Drive Operation & Maintenance
G290 ACS580 Single Drive Operation & Maintenance
Upcoming dates advertised via www.mylearning.abb.com

Private Courses available on Request
G683 ACS580UL Liquid Cooled Drives Start-up Maintenance & Service
G685 ACS550 Single Drive Operation & Maintenance
G686 ACS550 Single Drive Operation & Maintenance
G358 ACS580-34 Single Drive Basic Hands-on
G356 ACS585 Operation and Programming
G650 ACS850 Single Drive Start-up & Service
G653 ACS800 Start-up & Service
GB050 ACS1000 Basic Operation & Maintenance
GB192 Mini Motion Programming Level I for Support Engineers
GB193 Mini Motion Programming Level II for Support Engineers
GB194 Mini Motion Expert Training
GB195 Mini Motion for Service Engineers
Please send requests to 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

Engineering Professional Development
For full list of scheduled and on request training courses please view: www.abb.com/uk/consulting/training

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Functional Safety
Regularity Scheduled Public Courses
T149 IEC 61508 Functional Safety Awareness and Awareness
T146 Failure Mode and Effects Analysis (FMEA)
T152 IEC 61508 Functional Safety Technician
T153 Cyber Security related to the Functional Safety
Upcoming dates advertised via www.mylearning.abb.com

Private Courses available on Request
T144 Functional Safety Achieved SIL Assessment
T142 IEC 61509 Functional Safety Engineer
T148 End User Appreciation & Awareness in Functional Safety Assessment (FSA)
T154 IEC 61509 Cyber Security Specialist
G514 Updates to IEC 61508 edition 2
Please send requests to training@gb.abb.com

Measurement Products & Analytics
Regularity Scheduled Public Courses
G250 AZTEC & Navigator 605 Technician Training
G249 Advance Optima Analyzer Technician Training
Upcoming dates advertised via www.mylearning.abb.com

Private Courses available on Request
G254 ACF-NT Operator training
G246 ACF-NT Technician training
G245 AZTEC & Navigator 600 Operator Training
G243 Zirconia Oxygen Analyser Technician Training
G247 ABB NGC8205 Technician Training
G248 Advance Optima Analyzer Operator Training
G2460 PGC2010 & VistaNET Technician Training
G2460 PH, Conductivity, Dissolved O2 & Turbidity Training
2603 Electromagnetic Flow-Metering Training
Z101 ScreenMaster Videographic Recorder Training Basic
Z101 ScreenMaster Videographic Recorder Training Advanced
Please send requests to training@gb.abb.com

Power Consulting
Regularity Scheduled Public Courses
GBPC001 Power Consulting 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

Programmable Logic Controllers
Regularity Scheduled Public Courses
FB50 ACS500, Basic Training
FB51 ACS500, Programming Training
Upcoming dates advertised via www.mylearning.abb.com

Private Courses available on Request
FB71 Beginner PLC Training
FB50 ACS500, Basic Training
FB55 ACS500, ACS500 S Safety PLC Training
Please send requests to training@gb.abb.com

Robotics Training
Please contact robotics.training@gb.abb.com
for regularly scheduled IRCs public courses lists and private courses available on request, including IRB 6640 and Pickmaster

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ABB University UK
Comprehensive 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