



ABB UNIVERSITY AUSTRALIA

Control Systems Training Course Guide

January – December 2020



2020 Course Offerings

Name	Course Description	Prerequisite	Days	Price Each (ex-GST)
800xA				
T314*	Basic Configuration – Covers system fundamentals, including AC 800M controllers, in order to form a foundation for maintenance and administration skills.	Knowledge of Control Systems	5	\$4,500
T315	System Engineering - Provides comprehensive training for users who will engineer and configure the Extended Automation System 800xA with AC 800M controllers.	Knowledge of Control Systems	10	\$9,000
T305	Administration and Installation–Provides users with skills required to install and administer an Extended Automation System 800xA. It covers the Core System, but not additional options such as Batch.	T314 or T315 or equivalent	5	\$4,500
T306	Information Management–The goal of this course is to teach students how to manage and present plant data using the Information Management node.	T314 or T315 or equivalent	5	\$4,500
T308*	AC800M Hardware Maintenance & Troubleshooting - Targeted at maintenance personnel, this course teaches how to troubleshoot AC 800M hardware in an 800xA system.	Control Systems & MS Windows knowledge	5	\$4,500
E143*	Troubleshooting 800xA Core System – A workshop targeted at skilled systems and service engineers, this course provides in depth troubleshooting skills for 800xA including domain controllers, time synchronisation and Aspect servers.	T305 or equiv & knowledge of servers, networks & domains	5	\$ POA
T310*	Operations – For operators covering the basics of the operator functions in 800xA. This course is customised to cover the specifics of the users system.	None	2	\$1,800
T320*	Advant Connect - Covers the architecture, configuration and maintenance of the Extended Automation System 800xA for Advant AC400 & MP200/1.	A331 or equivalent experience	5	\$4,500
H650*	Applications for Minerals Engineering with PDA & Control Builder – Detailed training on use of the PDA tool to configure AC 800M applications using the BMI library.	T315 or H651	5	\$ POA
H651*	Industrial IT 800xA Applications for Minerals Configuration and Operation – same as the T315 course but an emphasis on the use of the BMI libraries.	Knowledge of Control Systems	10	\$ POA
Advant				
A331*	Advant Controller 400 Series–This course covers configuration and operation of Advant Controller 400 Series with S100 local I/O and S800 remote I/O and the MasterPiece 200/1. Includes programming using the AMPL language.	Knowledge of Control Systems	5	\$4,500
A351*	Advant Station 500 OS, Configuration and Operation – This course covers the configuration and operation of the Advant Station OS 500.	A331 or equivalent	5	\$4,500
A400*	Advant Controller 100 Series – Configuration and Operation – Covers configuration and operation of these controllers. Includes programming using AMPL and FCB.	Knowledge of Control Systems	4	\$3,600
MOD 300				
B405*	System Engineering Course – This course covers fundamentals of engineering a MOD 300 system including CCF and TCL programming.	Knowledge of Control Systems	5	\$4,500
Composer Harmony				
AU305	Symphony Harmony Control Unit with Composer – This course covers engineering of the Symphony Harmony Control Unit with Composer	Knowledge of Control Systems	5	\$4,500

These courses are run on demand only. Please contact us with your requirements and we will do our best to run a course at a time that suits you. We can also customise or combine courses to meet your requirements. Please contact us to discuss.

For more detailed course information, please contact us or visit www.abb.com/ABBUniversity (select Australia in your preferences) and click on the Course Locator link at the bottom of the page.



2020 Training Course Schedule

The training centre at Notting Hill provides the best environment for the delivery of effective training. However, we realise that it isn't always possible to have staff away from site. In these cases, courses can be arranged to be held at your plant or a local venue. Please contact us for a customised quotation.



Class sizes are limited.
Early enrolment
is advisable.
Details may change
without further notice.

Facsimile Booking form

Control Systems Training

Book your training on-line at www.abb.com/ABBUniversity (select Australia in Your preferences), or send an email to controls_training@au.abb.com, or fax a copy of this form to (03) 8577 7001.

If you want to talk to us, please call on **1800 ABB HELP (1800 222 435)**.

Please tick the appropriate box if you would like outlines for any of the following courses

T314	<input type="checkbox"/>
T315	<input type="checkbox"/>
T305	<input type="checkbox"/>
T306	<input type="checkbox"/>
T308	<input type="checkbox"/>
E143	<input type="checkbox"/>
T310	<input type="checkbox"/>
T320	<input type="checkbox"/>
T321	<input type="checkbox"/>
T324	<input type="checkbox"/>
T307	<input type="checkbox"/>
T530	<input type="checkbox"/>
H650	<input type="checkbox"/>
H651	<input type="checkbox"/>
A331	<input type="checkbox"/>
A351	<input type="checkbox"/>
A400	<input type="checkbox"/>
B405	<input type="checkbox"/>
AU305	<input type="checkbox"/>

Course:	Requested Date:
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Names of Participants:	
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Purchase Order #:	
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Company Name:	
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Address:	
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Postcode:	
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Phone Number:	
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E-mail Address:	
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Contact person responsible for training in your organisation:	
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Please note all courses held in Victoria shall be at 601 Blackburn Road, Notting Hill training facility unless confirmed otherwise.



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