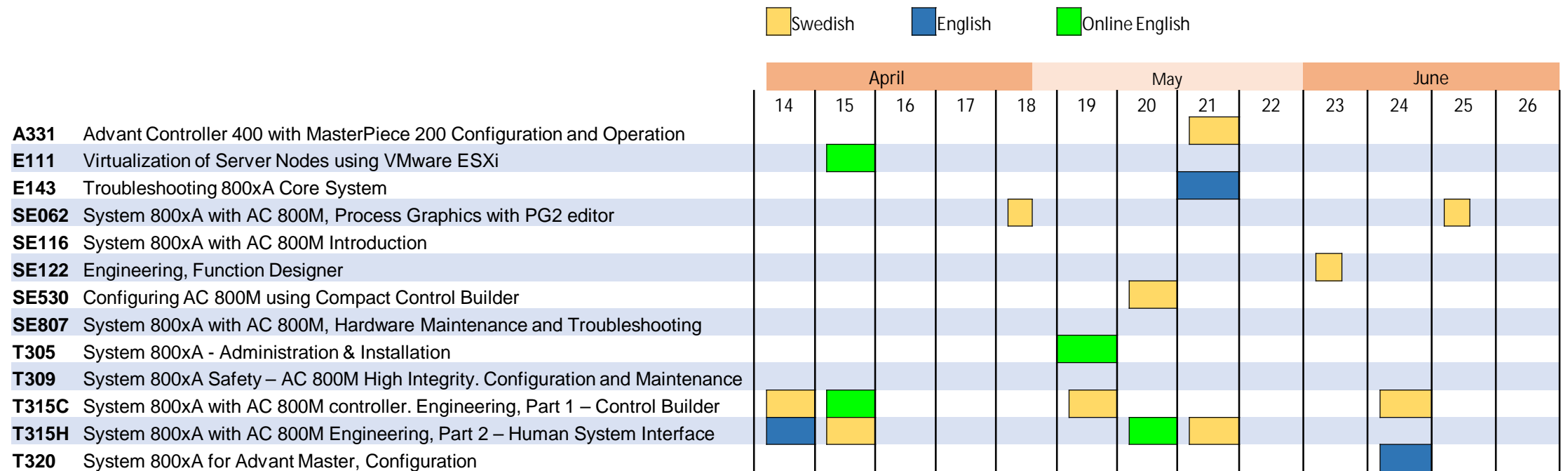

ABB Training Center, Västerås

Classroom and online training, January – June 2025



ABB Training Center, Västerås

Classroom and online training, April - June 2025



January 2025

SE116

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 3 Tuesday January 14th – Thursday 16th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

Basic system overview, provides an insight into configuring system 800xA.

[se116-01-kursbeskrivning---
revc1973f26eec1f463c09537ff0000433538.pdf \(abb.com\)](#)

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 3 Tuesday January 14th – Friday 17th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 4 Tuesday January 21st – Friday 24th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Learn to operate and configure the Advant Controller 400 or MasterPiece 200. Create and maintain applications using AMPL (Advant Master Programming Language)

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/a331-rev3.pdf?sfvrsn=82c76b16_2

SE122

SE122 - Engineering, Function Designer

Date, location and cost

Week 4 Thursday January 21st – Friday 24th

Classroom training 2 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering with Function Designer as the engineering tool. Note that the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se122-course-description---reva.pdf?sfvrsn=c7c26b16_2

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 5 Tuesday January 28th – Friday 31st

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

February 2025

SE807

SE807 - System 800xA with AC 800M, Hardware Maintenance and Troubleshooting

Date, location and cost

Week 6 Tuesday February 4th – Thursday 6th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås or at your location.
Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn how to troubleshoot and maintain a AC800M hardware in a System 800xA.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se807-01-kursbeskrivning---reve.pdf?sfvrsn=1cf64316_2

T315C - online

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 6 Tuesday February 4th – Friday 7th

Online training 4 days

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 7 Tuesday February 11th – Friday 14th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Learn to operate and configure the Advant Controller 400 or MasterPiece 200. Create and maintain applications using AMPL (Advant Master Programming Language)

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/a331-rev3.pdf?sfvrsn=82c76b16_2

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 7 Tuesday February 11th – Friday 14th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

SE807

SE807 - System 800xA with AC 800M, Hardware Maintenance and Troubleshooting

Date, location and cost

Week 8 Tuesday February 18th – Thursday 20th

Classroom training 3 days

Location: Västerås, Sweden

Language: English

This course can be held on request in Västerås or at your location.
Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn how to troubleshoot and maintain a AC800M hardware in a System 800xA.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se807-01-kursbeskrivning---reve.pdf?sfvrsn=1cf64316_2

T315H - online

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 8 Tuesday February 18th – Friday 21st

Online training 4 days

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 9 Tuesday February 25th – Friday 28th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

March 2025

SE116

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 10 Tuesday March 4th – Thursday 6th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

Basic system overview, provides an insight into configuring system 800xA.

[se116-01-kursbeskrivning---
revc1973f26eec1f463c09537ff0000433538.pdf \(abb.com\)](#)

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 11 Tuesday March 11th – Friday 14th

Classroom training 4 days

Location: Västerås, Sweden

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 12 Tuesday March 18th – Friday 21st

Classroom training 4 days

Location: Västerås, Sweden

Language: English

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Learn to operate and configure the Advant Controller 400 or MasterPiece 200. Create and maintain applications using AMPL (Advant Master Programming Language)

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/a331-rev3.pdf?sfvrsn=82c76b16_2

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 12 Tuesday March 18th – Friday 21st

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

E143

E143 – Expert Workshop - System 800xA Troubleshooting Core System

Date, location and cost

Week 12 Monday March 17th – Friday 21st

Classroom training 5 days

Language: English

Location: Västerås, Sweden

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Accurate system service and professional troubleshooting is a prerequisite of high system availability. The students learn in depth troubleshooting methods and tools for the System 800xA core system. After this workshop the students are prepared to provide superior service for 800xA systems.

https://library.e.abb.com/public/dee97999b8c03e21c1257a250019355c/3BDS011567-143_I_en_800xA_Expert_Workshop_E143_-_Troubleshooting_800xA_Core_System.pdf

April 2025

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 14 Tuesday April 1st – Friday 4th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 14 Tuesday April 1st – Friday 4th

Classroom training 4 days

Location: Västerås, Sweden

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

T315C - Online

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 15 Tuesday April 8th – Friday 11th

Online training 4 days

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 15 Tuesday April 8th – Friday 11th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

E111 - Online

E111 - Expert Workshop - Virtualization of Server Nodes using VMware ESXi

Date, location and cost

Week 15 Tuesday April 8th – Friday 11th

Online training 4 days

Language: English

This course can be held remote on request.

Short introduction of the course

Virtualization can be used in 800xA systems to combine multiple 800xA server nodes onto a single computer. This reduces the required computer space and hardware costs and simplifies the system maintenance. The students learn the basics of virtual machines, setting up of a VMware® ESXi environment and finally configure a complete redundant 800xA system with virtual server nodes.

https://new.abb.com/docs/librariesprovider104/ct-sweden/e111.pdf?sfvrsn=a93f3a16_2

SE062

SE062 - System 800xA with AC 800M, Process Graphics with PG2 editor

Date, location and cost

Week 18 Tuesday April 29th – Wednesday 30th

Classroom training 2 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available only in Swedish.

Short introduction of the course

The goal of the course is to learn how to use graphics builder PG2 for creating graphic process images and apply ergonomic guidelines.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se062-01-kursbeskrivning---revb1.pdf?sfvrsn=2df64316_2



May 2025

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 19 Tuesday May 6th – Friday 9th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

T305 – Online

T305 - System 800xA – Administration & Installation

Date, location and cost

Week 19 Monday May 5th – Friday 9th

Online training 5 days

Language: English

This course can be held remote on request.

Available in English.

Short introduction of the course

Learn how to install and administer an Extended Automation System 800xA. Plan a complete system architecture from top to bottom with hands-on lab activities.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t305-3bus095483c.pdf?sfvrsn=9967880b_2

SE530

SE530 - Configuring AC 800M using Compact Control Builder

Date, location and cost

Week 20 Tuesday May 13th – Friday 16th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås or at your location.
Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the configuration of a control project using AC 800M controllers and Compact Control Builder as the engineering tool.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se530-course-description---reva1.pdf?sfvrsn=a3c06b16_2

T315H - online

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 20 Tuesday May 13th – Friday 16th

Online training 4 days

Language: English

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 21 Tuesday May 20th – Friday 23rd

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Learn to operate and configure the Advant Controller 400 or MasterPiece 200. Create and maintain applications using AMPL (Advant Master Programming Language)

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/a331-rev3.pdf?sfvrsn=82c76b16_2

T315H

T315H - System 800xA with AC 800M Engineering, Part 2 – Human System Interface

Date, location and cost

Week 21 Tuesday May 20th – Friday 23rd

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. Through build and manage a complete control project, with focus on Human Machine Interface (HMI). Part 2 of 2.

Note that this course is split in two parts and the pre-course is T315F or T315C for the controller configuration.

[t315h-01-course-description---revh_se.pdf \(abb.com\)](#)

E143

E143 – Expert Workshop - System 800xA Troubleshooting Core System

Date, location and cost

Week 12 Monday May 19th – Friday 23rd

Classroom training 5 days

Language: English

Location: Västerås, Sweden

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

Accurate system service and professional troubleshooting is a prerequisite of high system availability. The students learn in depth troubleshooting methods and tools for the System 800xA core system. After this workshop the students are prepared to provide superior service for 800xA systems.

https://library.e.abb.com/public/dee97999b8c03e21c1257a250019355c/3BDS011567-143_I_en_800xA_Expert_Workshop_E143_-_Troubleshooting_800xA_Core_System.pdf

June 2025

SE122

SE122 - Engineering, Function Designer

Date, location and cost

Week 23 Thursday June 3rd – Friday 6th

Classroom training 2 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering with Function Designer as the engineering tool. Note that the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se122-course-description---reva.pdf?sfvrsn=c7c26b16_2

T315C

T315C - System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder

Date, location and cost

Week 24 Tuesday June 10th – Friday 13th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the engineering of a complete control project. This trough build and manage a complete control project, with focus on configurate the controller and IO. Part 1 of 2.

Note that this course is split in two parts and the follow-up course is T315H for the Human System Interface (HSI) configuration.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/t315c-01-course-description---revi_sede7127eec1f463c09537ff0000433538.pdf?sfvrsn=f4854416_2

T320

T320 - System 800xA for Advant Master, Configuration

Date, location and cost

Week 24 Tuesday June 10th – Friday 13th

Classroom training 4 days

Location: Västerås, Sweden

Language: English

This course can be held on request in Västerås. Available both in English and Swedish.

Short introduction of the course

The goal of this course is to learn the installation, configuration and maintenance of the Extended Automation System 800xA for Advant or Master Controllers.

https://library.e.abb.com/public/7c0a72b42f4741939d36f188d3112737/2PAA102419_E_en_System_800xA_course_T320_-_Advant_Master_Configuration.pdf

SE062

SE062 - System 800xA with AC 800M, Process Graphics with PG2 editor

Date, location and cost

Week 25 Tuesday June 17th – Wednesday 18th

Classroom training 2 days

Location: Västerås, Sweden

Language: Swedish

This course can be held on request in Västerås, at your location or remote as a company course. Available only in Swedish.

Short introduction of the course

The goal of the course is to learn how to use graphics builder PG2 for creating graphic process images and apply ergonomic guidelines.

https://new.abb.com/docs/librariesprovider104/ct-dokument-se/se062-01-kursbeskrivning---revb1.pdf?sfvrsn=2df64316_2

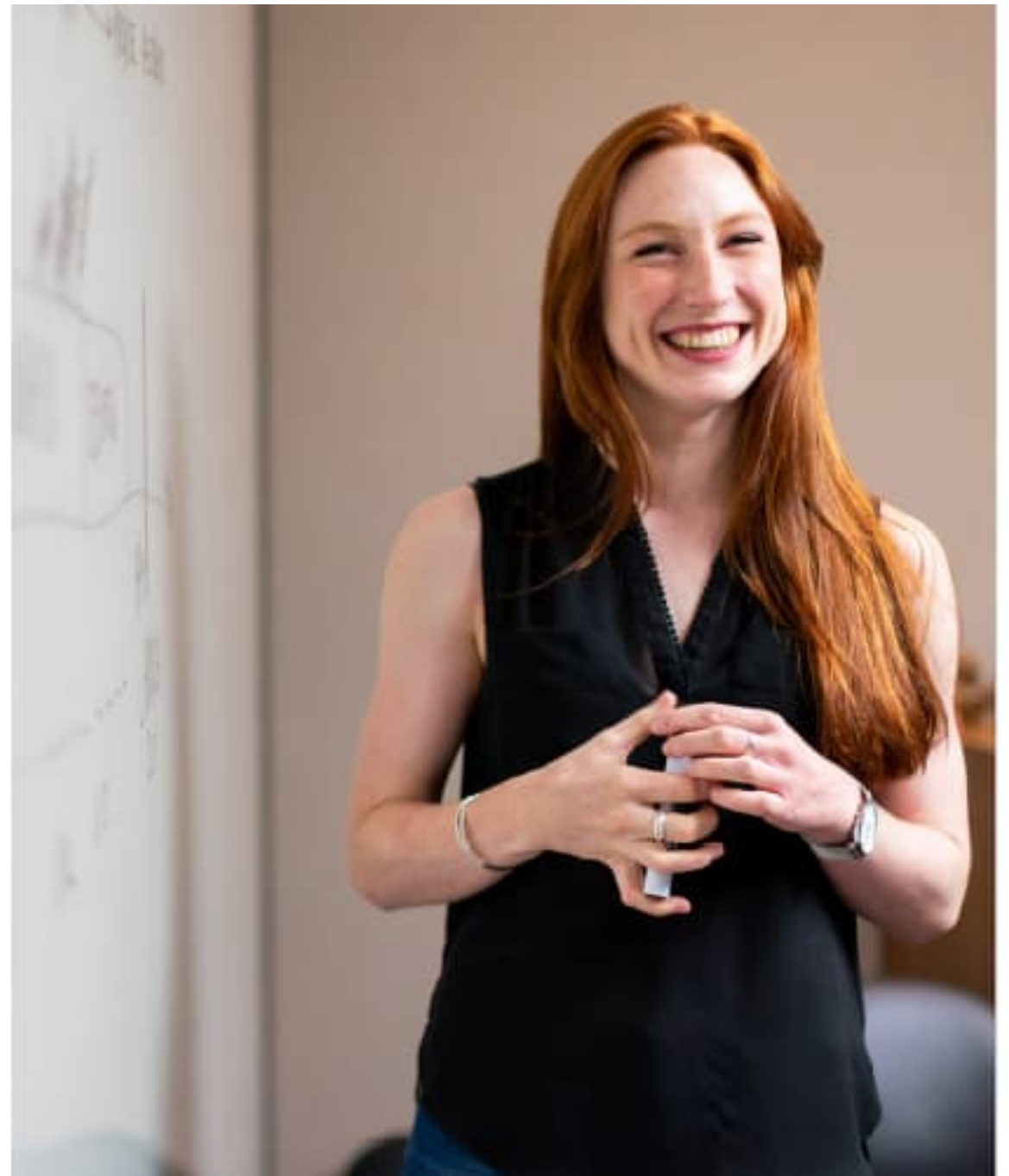
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On-demand courses

Course name	Duration	Course code
Handling 800xA with 800M	1 day	T405
Maintenance and troubleshooting with Function Designer Engineering, with Diagrams	3 days	SE113
Configuring AC 800M with Compact Control Builder	2 days	SE123
Configuring Compact HMI 800	4 days	SE530
AC 800M with Select I/O	4 days	SE117
Configuration, Advant Controller 110	2 days	T338
Maintenance and troubleshooting , Advant Controller 400	4 days	A400
S+ Historian Virtual Workshop	4 days	T221
Performing System Health Check	3 days	T901
	5 days	E144

On-demand courses

Course name	Duration	Course code
System 800xA with AC 800M Integration of IEC61850 Devices	5 days	T333
800xA Simulator – Maintenance Course	3 days	NO330
Power Management System 800xA with ABB PMS Lib Engineering, Operation, Solutions	5 days	NO380
PID-Controllers in AC800m	4 days	NL331
Engineering Part 1- Control Builder – ONLINE	4 days	T315C
Engineering Part 2 - Human System Interface - ONLINE	4 days	T315H
System 800xA for Advant Master, Configuration	2 days	SE124
S+ Engineering for Harmony	5 days	S312
System 800xA for Harmony	5 days	T321

On-demand courses

Course name	Duration	Course code
PLC AC500 V3 Grundkurs	3 days	F301
Virtualization of Server Nodes using VMware ESXi	4 days	E111
Troubleshooting 800xA Core System	5 days	E143
Safety Instrumented Systems TÜV Functional Safety Engineer	4 days	T245
IT Security with System 800xA – Planning, Implementing and Testing Security Concepts	4 days	E163
System 800xA - Administration & Installation	5 days	T305
System 800xA Batch Management Introduction	2 days	T307 Intro
System 800xA Batch Management	5 days	T307

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