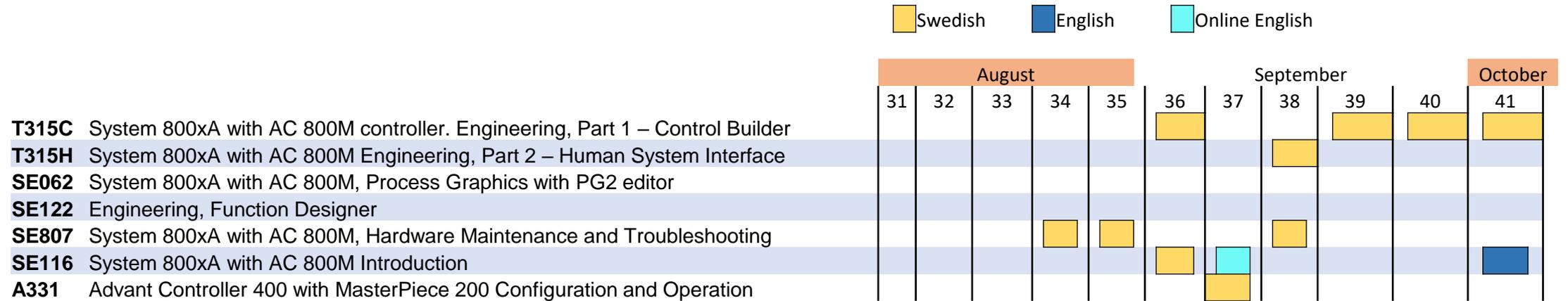# ABB Training Center, Västerås
Classroom and online training, August - December 2023

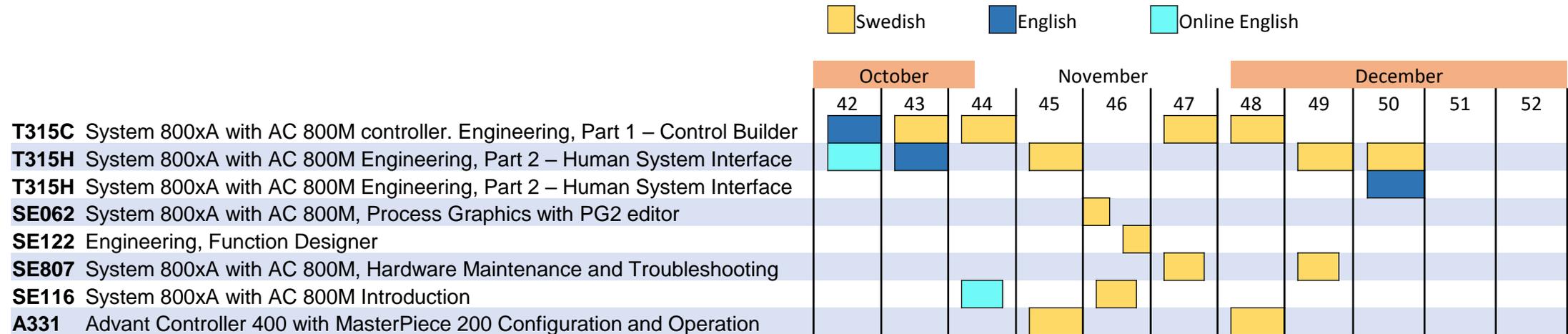# ABB Training Center, Västerås
Classroom and online training, week 31-41 2023

Swedish   English   Online English

		August					September				October
		31	32	33	34	35	36	37	38	39	40	41
T315C	System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder						36			39	40	41
T315H	System 800xA with AC 800M Engineering, Part 2 – Human System Interface								38			
SE062	System 800xA with AC 800M, Process Graphics with PG2 editor											
SE122	Engineering, Function Designer											
SE807	System 800xA with AC 800M, Hardware Maintenance and Troubleshooting				34	35			38			
SE116	System 800xA with AC 800M Introduction						36	37				41
A331	Advant Controller 400 with MasterPiece 200 Configuration and Operation							37				

ABB Training Center, Västerås
Classroom and online training, week 42-52 2023

Course		October			November			December				
		42	43	44	45	46	47	48	49	50	51	52
T315C	System 800xA with AC 800M controller. Engineering, Part 1 – Control Builder	English	Swedish	Swedish			Swedish	Swedish				
T315H	System 800xA with AC 800M Engineering, Part 2 – Human System Interface	Online English	English		Swedish				Swedish	Swedish		
T315H	System 800xA with AC 800M Engineering, Part 2 – Human System Interface									English		
SE062	System 800xA with AC 800M, Process Graphics with PG2 editor					Swedish						
SE122	Engineering, Function Designer						Swedish					
SE807	System 800xA with AC 800M, Hardware Maintenance and Troubleshooting						Swedish		Swedish			
SE116	System 800xA with AC 800M Introduction			Online English		Swedish						
A331	Advant Controller 400 with MasterPiece 200 Configuration and Operation				Swedish			Swedish				

August

SE807

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

Date, location and cost

Week 34 Tuesday August 22nd – Thursday 24th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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

ABB

SE807

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

Date, location and cost

Week 35 Tuesday August 29th – Thursday 31st

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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

ABB

September

SE116

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 36 Tuesday September 5th – Thursday 7th

Location: Västerås, Sweden

Classroom training 3 days

Language: Swedish

Price: 22 110 SEK

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 36 Tuesday September 5th – Friday 8th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 configure 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

ABB

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 37 Monday September 11th – Thursday 15th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 34 000 SEK

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

ABB

SE116 - Online

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 37 Tuesday September 12th – Thursday 14th

Online training 3 days

Language: English

Price: 20 460 SEK

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)

ABB

T315H

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

Date, location and cost

Week 38 Tuesday September 18th – Friday 22nd

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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)

SE807

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

Date, location and cost

Week 38 Tuesday September 19th – Thursday 21st

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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

ABB

T315C

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

Date, location and cost

Week 39 Tuesday September 26th – Friday 29th

Classroom training 4 days

Language: Swedish

Location: Västerås, Sweden

Price: 29 480 SEK

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 configure 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

ABB

October

T315C

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

Date, location and cost

Week 40 Tuesday October 3rd – Friday 6th

Classroom training 4 days

Language: Swedish

Price: 27 280 SEK

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 configure 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

ABB

T315C

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

Date, location and cost

Week 41 Tuesday October 10th – Friday 13th

Classroom training 4 days

Language: Swedish

Price: 27 280 SEK

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 configure 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

ABB

SE116

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 41 Tuesday October 10th – Thursday 12th

Classroom training 3 days

Location: Västerås, Sweden

Language: English

Price: 22 110 SEK

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)

T315H - Online

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

Date, location and cost

Week 42 Tuesday October 17th – Friday 20th

Online training 4 days

Language: English

Price: 27 280 SEK

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)

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T315C

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

Date, location and cost

Week 42 Tuesday October 17th – Friday 20th

Classroom training 4 days

Location: Västerås, Sweden

Language: English

Price: 29 480 SEK

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 configure 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_sede7127eec1f463c09537ff000433538.pdf?sfvrsn=f4854416_2

ABB

T315C

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

Date, location and cost

Week 43 Tuesday October 24th – Friday 27th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 configure 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

ABB

T315H

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

Date, location and cost

Week 43 Tuesday October 24th – Friday 27th

Classroom training 4 days

Location: Västerås, Sweden

Language: English

Price: 29 480 SEK

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)

ABB

SE116 - Online

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 44 Tuesday October 31st – Thursday November 2nd

Online training 3 days

Language: English

Price: 20 460 SEK

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 44 Tuesday October 31st – Friday November 3rd

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 configure 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

ABB

November

T315H

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

Date, location and cost

Week 45 Tuesday November 7th – Friday 10th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 45 Tuesday November 7th – Friday 10th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 34 000 SEK

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

ABB

SE116

SE116 - System 800xA with AC 800M Introduction

Date, location and cost

Week 46 Tuesday November 14th – Thursday 16th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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)

ABB

SE062

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

Date, location and cost

Week 46 Monday November 13th – Tuesday 17th

2 days training

Location: Västerås, Sweden

Language: Swedish

Price: 15 000 SEK

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 curse 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

ABB

SE122

SE122 - Engineering, Function Designer

Date, location and cost

Week 46 Thursday November 16th – Friday 17th

Classroom training 2 days

Location: Västerås, Sweden

Language: Swedish

Price: 14 740 SEK

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

ABB

SE807

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

Date, location and cost

Week 47 Tuesday November 21sth – Thursday 23rd

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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

ABB

T315C

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

Date, location and cost

Week 47 Tuesday November 21st – Friday 24th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 configure 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

ABB

T315C

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

Date, location and cost

Week 48 Tuesday November 28th – Friday December 1st

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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 configure 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

ABB

A331

A331 - Advant Controller 400 with MasterPiece 200 Configuration and Operation

Date, location and cost

Week 48 Tuesday November 28th – Friday December 1st

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 34 000 SEK

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

ABB

December

T315H

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

Date, location and cost

Week 49 Tuesday December 5th – Friday 8th

Classroom training 4 days

Location: Västerås, Sweden

Language: Swedish

Price: 29 480 SEK

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)

ABB

SE807

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

Date, location and cost

Week 49 Tuesday December 5th – Thursday 7th

Classroom training 3 days

Location: Västerås, Sweden

Language: Swedish

Price: 22 110 SEK

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

ABB

T315H - Online

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

Date, location and cost

Week 50 Tuesday December 12th – Friday 15th

Online training 4 days

Language: English

Price: 29 480 SEK

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)

ABB

T315H

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

Date, location and cost

Week 50 Tuesday December 12th – Friday 15th

Classroom training 4 days

Language: Swedish

Price: 29 480 SEK

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.

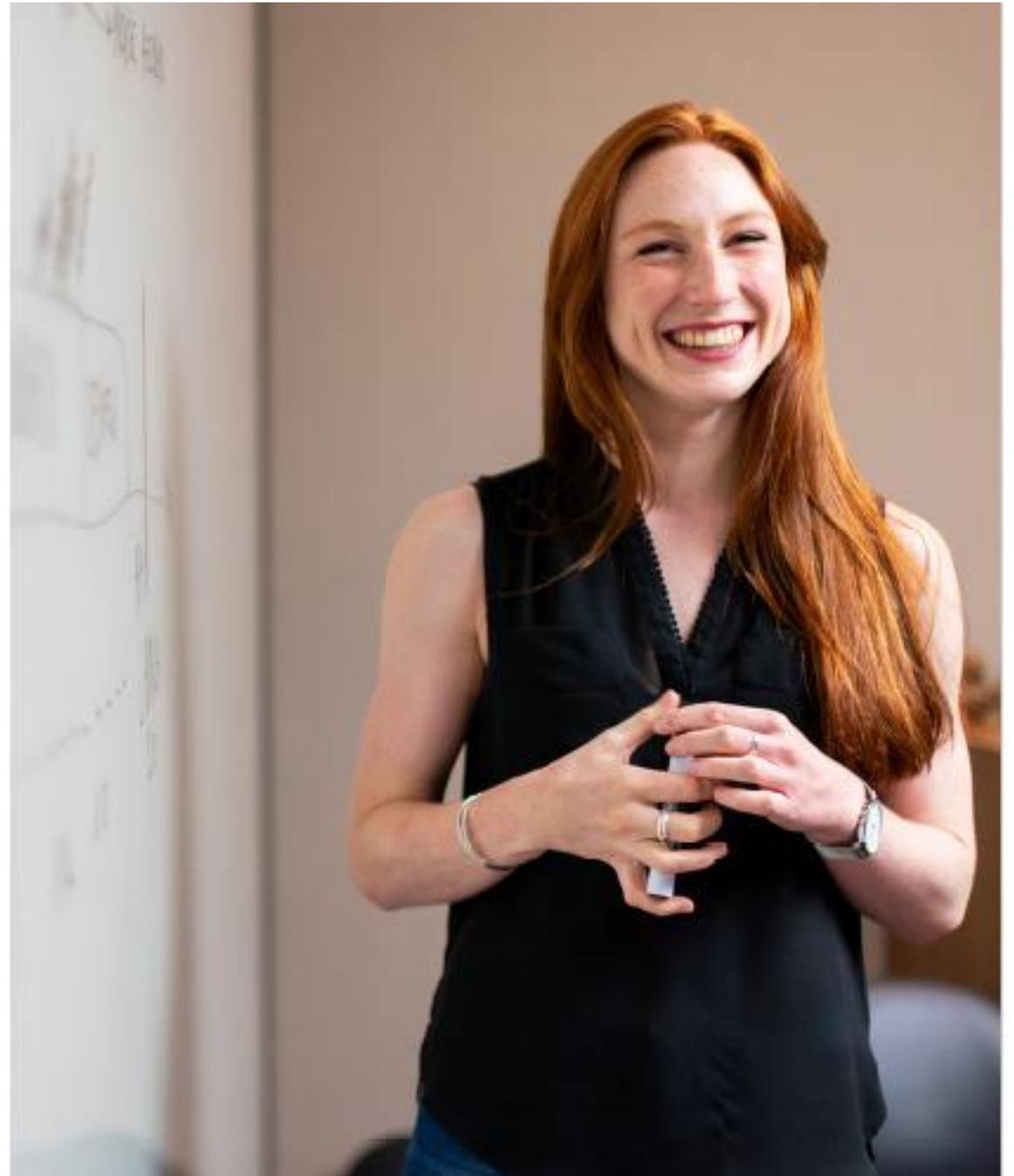t315h-01-course-description---revh_se.pdf (abb.com)

ABB

On-demand courses

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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	3 days	SE113
Engineering, with Diagrams	2 days	SE123
Configuring AC 800M with Compact Control Builder	4 days	SE530
Configuring Compact HMI 800	4 days	SE117
AC 800M with Select I/O	2 days	T338
Configuration, Advant Controller 110	4 days	A400
Maintenance and troubleshooting , Advant Controller 400	4 days	T221
S+ Historian Virtual Workshop	3 days	SE901
Performing System Health Check	5 days	E144
Safety Instrumented Systems TÜV Functional Safety Engineer	4 days	T142

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
NL331 PID-Controllers in AC800m	4 days	NL331
Eineering del 1 - Control Builder - **ONLINE**	4 days	T315C
Engineering del 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

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Customized Courses

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