# **CNC Power Engineering** Always on the move









# CNC, Drives, and Software Training Catalog 2025



www.num.com



# Who besides you has the best expertise in your area of business?

The answer is obvious and quite simple: you are the expert in your field. Similarly, no one other than NUM could claim to have the deepest expertise of our extended range of drives and CNCs. After all, this has been our business for fifty years. This is why we are your number one partner for the training of your teams.

Whether you are a User, an OEM, a Maintenance specialist or a System builder, NUM has in its catalog all kind of training sessions dedicated to your applications and this for all generation of NUM products making parts on today machines.

Of course each customer has its own requirements, each machine and each application has its own specificities, and this is why we can also offer customized training sessions focused on your particular needs.

As a provider of CNC High End Applications, we have organized our training sessions by features and level of knowledge required, in order to help you to get all the data you need and only the data you need to be the most efficient. These sessions are conducted by training specialists and applications engineers so you can be assured that you will always get the most accurate and professional answers, whatever your question or concern might be. These sessions will give a chance to develop a durable relationship between our companies to further develop cooperation for the full benefit of all.



# **Content list**

Training with NUM: your advantages	4
Training Centers	
Training Courses	
Proposed Training Paths	7
Your Training Contacts	
Training Organization	9
Flexium system description FXTR101	10
Flexium and Safety FXTR102	
Operation and basic maintenance FXTR201	12
Advanced part programming FXTR202	13
Flexium 3D FXTR213	
Dynamic operators in C FXTR223	
High Speed Cutting – 5-axis functions FXTR233	
Flexium system maintenance FXTR301	17
Flexium <sup>+</sup> system advanced maintenance FLTR312	18
FlexiumPro system advanced maintenance FPTR 312	19
NUMDrive X advanced maintenance FLTR314	
NUM DrivePro advanced maintenance FPTR 314	
Flexium <sup>+</sup> system initial setup FLTR401	
Flexium <sup>+</sup> system advanced setup FLTR402	23
FlexiumPro system initial setup FPTR 401	
FlexiumPro system advanced setup FPTR 402	
Extended NCK Access (ENA) FXTR433	26
Flexium <sup>+</sup> HMI personalization FLTR443	
Communication with Flexium <sup>+</sup> FLTR453	
FlexiumPro HMI personalization FPTR 443	
Communication with FlexiumPro FLTR453	
Safety including NUM-SAMX FXTR463	
Individual training	
Booking Form	33



# Training with NUM: your advantages

- Technical data are up to date
- Should you need a specific function, you will get in depth information
- Partnership development
- You will be in touch with the experts in every domain of NUM activity
- Whatever your area of expertise might be (Maintenance, Service, Programming, Setup...), you will find the courses you need
- Full range of products, and software in one location

# **Training Centers**

All NUM technical centers are equipped to provide training. These sessions will take place either in our premises or in your facility.



Some training facilities











# **Training Courses**

The different training modules are linked in a way to provide a logical path for mastering our application solutions in your area of expertise.

	FX	TR	3	0	1
Control Series					
Flexium <sup>+</sup> und FlexiumPro	FX				
Flexium <sup>+</sup>	FL				
FlexiumPro	FP				
Training					
Туре					
Product Knowledge			1		
Operation and Diagnostics			2		
Maintenance			3		
Engineering and Integration			4		
Modifier					
Expertice Level					
Beginner					1
Advanced					2
Specialist					3

### **Generic Training Sessions**

FXTR101	Flexium system description
FXTR102	Flexium and Safety
FXTR201	Operation and basic maintenance
FXTR202	Advanced part programming
FXTR213	Flexium 3D
FXTR223	Dynamic operators in C
FXTR233	High speed cutting – 5-axis functions
FXTR301	Flexium system maintenance
	Extended NOK Assess (ENA)
FXTR433	Extended NCK Access (ENA)
FXTR463	Safety including NUM-SAMX



## Flexium<sup>+</sup> Specific Training Sessions

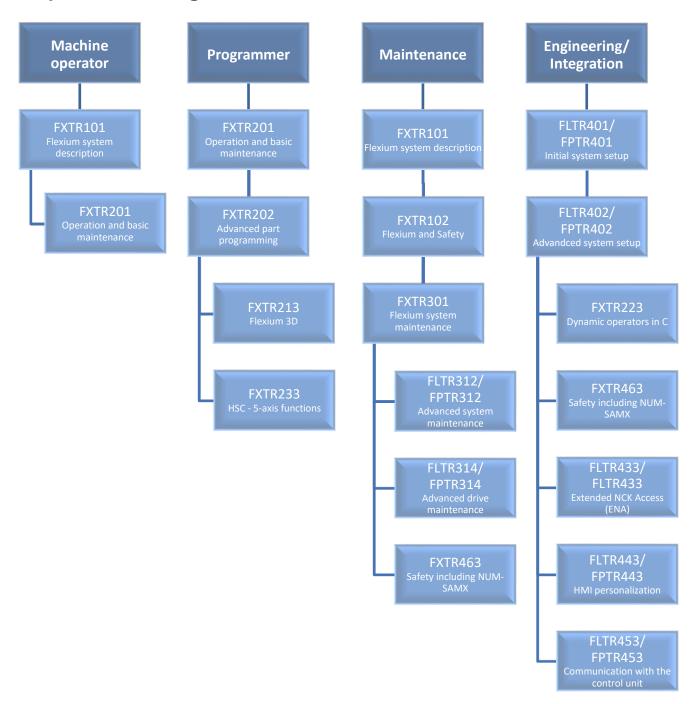
FLTR312	Flexium <sup>+</sup> system advanced maintenance
FLTR314	NUMDrive X advanced maintenance
FLTR401	Flexium <sup>+</sup> system initial setup
FLTR402	Flexium⁺ system advanced setup
FLTR 443	Flexium <sup>+</sup> HMI personalization
FLTR 453	Communication with Flexium <sup>+</sup>

## FlexiumPro Specific Training Sessions

FPTR 312	FlexiumPro system advanced maintenance
FPTR 314	NUM DrivePro advanced maintenance
FPTR 401	FlexiumPro system initial setup
FPTR 402	FlexiumPro system advanced setup
FPTR 443	FlexiumPro HMI personalization
FPTR 453	Communication with FlexiumPro



# **Proposed Training Paths**





# **Your Training Contacts**

### China:

### Jiang Longwei

 Phone:
 +86 21 6882 0958

 Fax:
 +86 21 6882 0959

 E-mail:
 longwei.jiang@num.com

#### India:

### Nath Rajesh

Phone: +91 4099 7667

E-mail: info.in@num.com

### Taiwan and rest of Asia:

## Wu Johnny

Phone: +886 4 2316 9600

Fax: +886 4 2316 9700

E-mail: johnny.wu@num.com

For other countries, please contact your local sales representative or NUM Switzerland (sales.ch@num.com).



# **Training Organization**

#### Quotation

Offers can be asked at your training contacts (see section 'Your Training Contacts').

#### Date and timetable

Training dates and timetables will be part of a quotation.

#### Journey

Your local sales representative of NUM will provide you with journey information.

#### Hotels

Your local sales representative of NUM can recommend you hotels near to the training places.

# Flexium system description



Your area of interest	Prerequisite
General knowledge	None
Objectives	Supports
<ul> <li>Understanding the Flexium range structure (CNCs and Drives)</li> </ul>	Training materials <ul> <li>Individual components</li> <li>Simulator</li> </ul>
<ul> <li>Understanding the main functions</li> </ul>	
<ul> <li>Ability to define a configuration with the</li> </ul>	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> </ul>
Flexium catalogue	<ul> <li>Flexium catalogue (on memory stick)</li> </ul>
Training Content	
<ul> <li>Flexium CNC presentation</li> <li>The different models of CNCs</li> <li>Hardware structure – Software functions</li> </ul>	<ul> <li>NUM DrivePro presentation</li> <li>Hardware structure</li> <li>Drives functions and performances</li> <li>Axis and spindle motors</li> </ul>
The panels	
o PC Panels	Tools
<ul> <li>Machine panels</li> <li>The PLC</li> </ul>	<ul><li>PLC programming</li><li>Web tools</li></ul>
○ Structure	Applications
<ul> <li>Programming languages</li> <li>IOs</li> </ul>	<ul> <li>From the single unit CNC to the multi CNC - multi panels configurations</li> </ul>
<ul> <li>NUMDrive X presentation</li> <li>Hardware structure</li> <li>Drives functions and performances</li> <li>Axis and spindle motors</li> </ul>	Questions and answers (1/2 hour)

## Duration

1 day

### Date / Costs

# Flexium and Safety



Your area of interest	Prerequisite
General knowledge	None
Objectives	Supports
<ul> <li>Understanding the Flexium safety concepts</li> <li>Understanding the various safety features</li> </ul>	Training materials <ul> <li>Individual components</li> <li>Simulator</li> </ul>
<ul> <li>Ability to define the components and development required for a particular configuration</li> </ul>	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Flexium catalogue (on memory stick)</li> </ul>
Training Content	
Safety: What is it? <ul> <li>Safety PLCs</li> <li>Safe motions</li> <li>Safety level</li> </ul>	Safety and Motions <ul> <li>SAMX, STOX and NUMDrive X or NUM DrivePro</li> </ul>
<ul> <li>Safety level</li> <li>General on EtherCAT and FSoE</li> </ul>	Questions and answers (1/2 hour)
<ul> <li>The Safe PLC</li> <li>Structure</li> <li>Programming languages</li> <li>I/Os</li> </ul>	
Duration	Date / Costs

1 day

# **Operation and basic maintenance**



#### Your area of interest

Machine operator – 1<sup>st</sup> level maintenance

#### Objectives

- Ability to run a machine equipped with Flexium system
- Understanding and adjusting the coordinate systems and tools offsets
- Understanding operators message and status indicators to perform a first level maintenance

#### **Training Content**

#### Operation

- o Using the HMI
- Modes of operation
- ISO concepts (interpolation feedrate tools offsets main canned cycles)
- Coordinate systems programmable axis
- Work preparation, tools offsets, origin presets
- Basic of parametric programming

#### Maintenance

- Status indicators
- Operators messages
- LED indications
- Backup of essential data
- Adding a system option

#### Duration

3 days

#### Prerequisite

Knowledge of NUM products or FXTR101

#### Supports

- Training materials
- o Individual components
- Simulator

#### Deliveries

- Course presentation (on memory stick)
- Programming manual (on memory stick)
- Tools
- Web tools
- Flexium license loader

Questions and answers (2 hours)

#### Date / Costs

# Advanced part programming



Your area of interest	Prerequisite
Advanced part programming – custom macros – special functions for OEM	FXTR201
Objectives	Supports
<ul> <li>Mastering the advanced ISO functions of the system</li> </ul>	Training materials <ul> <li>Individual components</li> <li>Simulator</li> </ul>
<ul> <li>Ability to create a custom macro (tool changer – milling head exchange – probing etc.)</li> </ul>	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Programming and advanced programming manual (on memory stick)</li> </ul>
Training Content	
<ul> <li>Advanced ISO functions</li> <li>Polar programming</li> <li>Probing management</li> <li>Pocket cycles</li> <li>Complements on parametric programming</li> <li>Detailed information on E parameters</li> <li>Relation with the outside via the PLC</li> </ul>	Questions and answers
<ul> <li>Structured programming</li> <li>Dynamic operators</li> </ul>	

Customized G codes

Exercises

Duration

4 days

### Date / Costs

# Flexium 3D



Your area of interest	Prerequisite
Machine operation - Programming	Knowledge of NUM products or FXTR201
Objectives	Supports
<ul> <li>Using Flexium 3D to simulate and validate a part program</li> </ul>	Training materials <ul> <li>Simulator</li> </ul>
<ul> <li>Interacting with Flexium HMI to correct possible programming faults</li> </ul>	Deliveries $_{\odot}$ Course presentation (on memory stick)
<ul> <li>Optional : Customizing Flexium 3D for machine simulation</li> </ul>	
Training Content	
<ul> <li>Flexium 3D presentation</li> <li>Principle of operation</li> <li>The different screens</li> </ul>	Questions and answers (2 hours)
<ul> <li>Running Flexium 3D</li> <li>Program configuration</li> <li>Defining the blank and the tools</li> <li>Off line and On line simulation</li> </ul>	
Exercises	
Optional o Designing a machine model	
Duration	Date / Costs

1 day + 1 day optional

### ., .....

# Dynamic operators in C



#### Your area of interest

Customized CNC extensions

#### Objectives

 Develop an application using dynamic operators in C

### Prerequisite

FXTR202 and C language

#### Supports

Training materials

- o Individual components
- o Simulator

Deliveries

- Course presentation (on memory stick)
- Flexium catalogue (on memory stick)

#### **Training Content**

- o Principle of dynamic operators
- Short example using classic dynamic operators
- o Review list of parameters
- o The compiler
- o Examples
- Trace and debug

#### Duration

1 day

Date / Costs

# High Speed Cutting – 5-axis functions



Your area of interest	Prerequisite
5-axis parts machining	FXTR202
Objectives	Supports
✓ Mastering 5-axis machining functions	Training materials
✓ RTCP (Rotating Tool Centre Point)	<ul> <li>Individual components</li> <li>Simulator</li> </ul>
✓ Inclined plane	Deliveries
✓ High speed cutting	<ul> <li>Course presentation (on memory stick)</li> <li>Flexium catalogue (on memory stick)</li> </ul>
Training Content	
<ul> <li>NC 5-axis functions</li> </ul>	<ul> <li>Axis adjustments</li> </ul>
$\circ$ RTCP and inclined plane parameterization	<ul> <li>Flexium Tools instruments</li> </ul>
o Application	<ul> <li>Practical case</li> </ul>
<ul> <li>High speed machining functions</li> </ul>	Outstiens and answers $(1/2 \text{ hour})$
<ul> <li>Speed and acceleration controls</li> </ul>	Questions and answers (1/2 hour)
<ul> <li>Optimization of parameters</li> </ul>	
Duration	Date / Costs
2 days	Please consult your local training contact

# Flexium system maintenance



Your area of interest	Prerequisite
Maintenance	FXTR102
Objectives	Supports
<ul> <li>Ability to detect and replace defective components in a short time</li> </ul>	Training materials o Simulator
✓ Predictive maintenance	Deliveries <ul> <li>Course presentation (on memory stick)</li> </ul>
Training Content	
Flexium system maintenance	Questions and answers (1 hour)
<ul> <li>System structure</li> </ul>	
• Components	
• System start up	
<ul> <li>Diagnostics</li> <li>Software we deter</li> </ul>	
<ul> <li>Software updates</li> <li>Somise tool</li> </ul>	
<ul> <li>Service tool</li> <li>Sefety</li> </ul>	
<ul> <li>Safety</li> <li>Backup and Restore procedures</li> </ul>	
<ul> <li>Backup and Restore procedures</li> <li>Part replacement</li> </ul>	
Drives maintenance	
<ul> <li>Product knowledge</li> </ul>	

• Drives exchange procedure

Duration

3 days

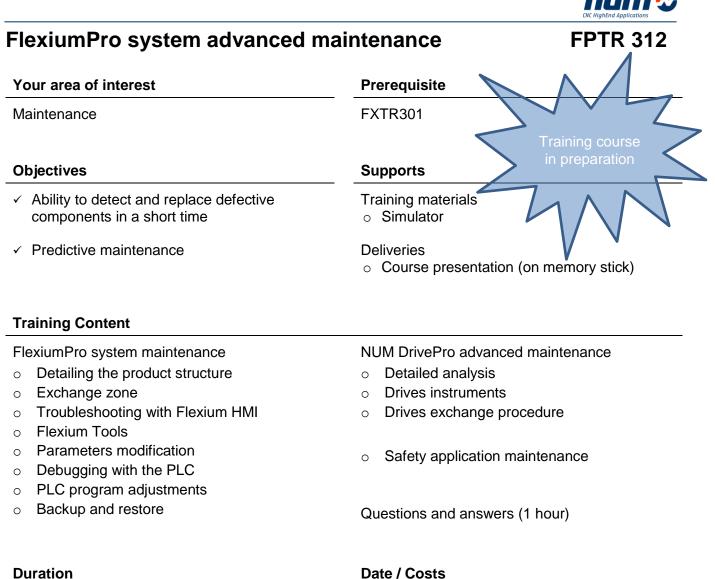
### Date / Costs

# Flexium<sup>+</sup> system advanced maintenance

FLTR312

Your area of interest	Prerequisite
Maintenance	FXTR102
Objectives	Supports
<ul> <li>Ability to detect and replace defective components in a short time</li> </ul>	Training materials o Simulator
✓ Predictive maintenance	Deliveries <ul> <li>Course presentation (on memory stick)</li> </ul>
Training Content	
Flexium <sup>+</sup> system maintenance	NUMDrive X drives advanced maintenance
<ul> <li>Detailing the product structure</li> </ul>	<ul> <li>Detailed analysis</li> </ul>
<ul> <li>Exchange zone</li> </ul>	<ul> <li>Drives instruments</li> </ul>
<ul> <li>Troubleshooting with Flexium HMI</li> </ul>	<ul> <li>Drives exchange procedure</li> </ul>
<ul> <li>Flexium Tools</li> </ul>	
<ul> <li>Parameters modification</li> </ul>	<ul> <li>Safety application maintenance</li> </ul>
<ul> <li>Debugging with the PLC</li> </ul>	
<ul> <li>PLC program adjustments</li> </ul>	
<ul> <li>Backup and restore</li> </ul>	Questions and answers (1 hour)
Duration	Date / Costs

3 days



3 days

### Date / Costs

# **NUMDrive X advanced maintenance**

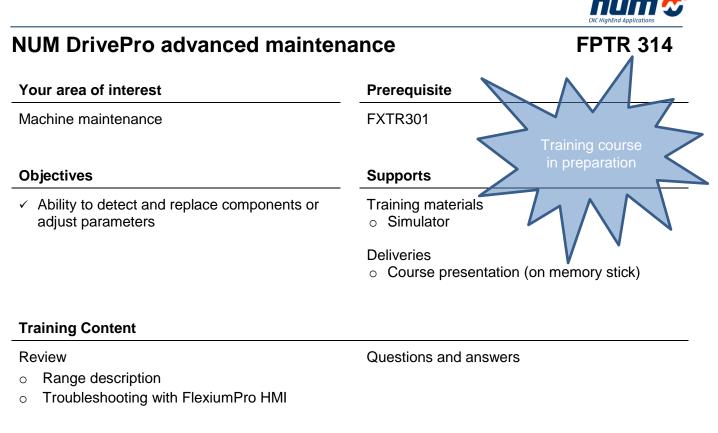


Your area of interest	Prerequisite
Machine maintenance	FXTR301
Objectives	Supports
<ul> <li>Ability to detect and replace components or adjust parameters</li> </ul>	Training materials o Simulator
	Deliveries $_{\odot}$ Course presentation (on memory stick)
Training Content	
Review	Questions and answers
<ul> <li>Range description</li> </ul>	
<ul> <li>Troubleshooting with Flexium HMI</li> </ul>	
Components connections	
• Structure of a NUMDrive X application	
Adjustments	
<ul> <li>Using Flexium Tools for diagnostic</li> </ul>	
<ul> <li>Main drive parameters</li> </ul>	
<ul> <li>Adjustment and control</li> </ul>	

Duration

3 days

Date / Costs



Components connections

o Structure of a NUM DrivePro application

#### Adjustments

- o Using FlexiumPro Tools for diagnostic
- o Main drive parameters
- o Adjustment and control

#### Duration

3 days

### Date / Costs

# Flexium<sup>+</sup> system initial setup

#### Your area of interest

**Engineering and Setup** 

#### **Objectives**

- ✓ Create a first Flexium<sup>+</sup> application for a simple machine
- ✓ Control basic functions Run two axes and a spindle

#### Prerequisite

FXTR201

#### Supports

Training materials

o Simulator

#### Deliveries

- Course presentation (on memory stick)
- Installation manual Commissioning manual - Flexium Tools (all on memory stick)

#### **Training Content**

Understanding Flexium<sup>+</sup> structure

- Flexium Tools presentation
- o Getting familiar with the package
- Languages 0
- Variables 0
- Structure of a project 0

#### Practical exercise

- Creating the control structure 0
- Integrating IOs (CANopen and Ethernet) 0
- Integrating a panel 0
- Handling modes, manual and automatic 0 commands
- Operator messages
- Power on, security
- o Integrating axes and spindles
- First level of parameterization 0
- Running a simple part program 0
- Introduction to the custom visualization 0

#### **Duration**

5 days

Please consult your local training contact

Date / Costs

22



Questions and answers

# Flexium<sup>+</sup> system advanced setup



Your area of interest	Prerequisite
Engineering and Setup	FLTR 401
Objectives	Supports
<ul> <li>Commissioning a Flexium system on any kind of machine</li> </ul>	Training materials o Simulator
	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Full set of Flexium manuals – Flexium Tools – Example project (all on memory stick)</li> </ul>
Training Content	
Detailed analysis of exchange variables	Questions and answers
Flexium Tools complements	
<ul> <li>Project simulation and debug</li> </ul>	
<ul> <li>Application control (Tasks – automated checks)</li> </ul>	
<ul> <li>Field bus control</li> </ul>	
<ul> <li>Advanced functions (Probing – tool wear –</li> </ul>	
shutdown etc.)	
<ul> <li>Custom screens complements</li> </ul>	
<ul> <li>Optional functions (multi NCK – multi panels etc.)</li> </ul>	

### Duration

5 days

### Date / Costs

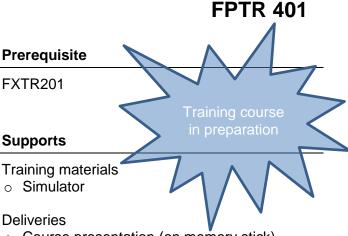
# FlexiumPro system initial setup

### Your area of interest

### Engineering and Setup

## Objectives

- Create a first FlexiumPro application for a simple machine
- Control basic functions Run two axes and a spindle



- Course presentation (on memory stick)
- Installation manual Commissioning manual – Flexium Tools (all on memory stick)

### **Training Content**

Understanding FlexiumPro structure

- FlexiumPro Tools presentation
- Getting familiar with the package
- o Languages
- o Variables
- o Structure of a project

### Practical exercise

- Creating the control structure
- Integrating IOs (CANopen and Ethernet)
- o Integrating a panel
- Handling modes, manual and automatic commands
- o Operator messages
- o Power on, security
- o Integrating axes and spindle
- First level of parameterization
- Running a simple part program
- o Introduction to the custom visualization

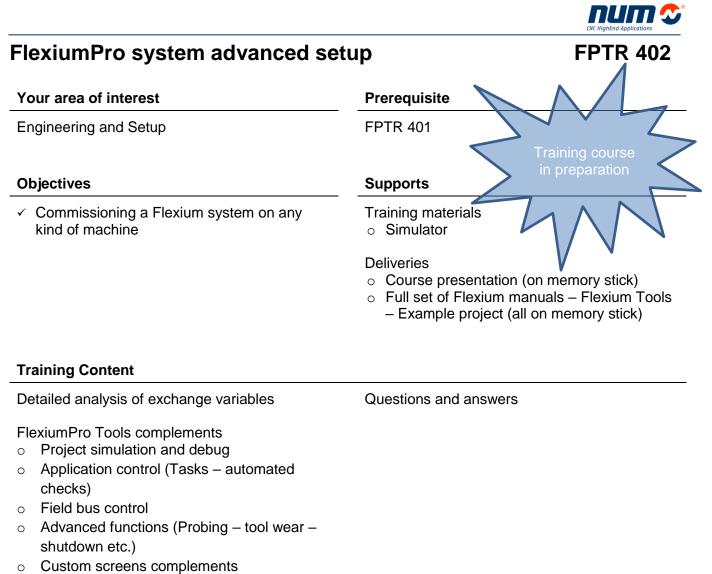
### Duration

5 days

#### Questions and answers

### Date / Costs





- Optional functions (multi NCK multi panels etc.)
- Writing custom libraries

### Duration

5 days

### Date / Costs

# **Extended NCK Access (ENA)**



Your area of interest	Prerequisite
Engineering and Setup	FLTR402 or FXTR402
Objectives	Supports
<ul> <li>Exchange of additional data between NCK and PLC</li> </ul>	Training materials <ul> <li>Simulator</li> </ul>
	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Flexium Tools – Example project</li> </ul>
Training Content	
Structure of internal communication in Flexium systems	Questions and answers
ENA library <ul> <li>Available parameters and functions</li> </ul>	
Application <ul> <li>Reading parameters</li> </ul>	
<ul> <li>Writing parameters</li> <li>Files management</li> </ul>	
Duration	Date / Costs

2 days

# Flexium<sup>+</sup> HMI personalization



Your area of interest	Prerequisite
Engineering and Setup	<ul> <li>FXTR101</li> <li>Windows knowledge</li> <li>Programming knowledge of script languages</li> </ul>
Objectives	Supports
<ul> <li>Creating Flexium HMI custom pages in HTML/JavaScript</li> </ul>	Training materials o Simulator
	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Software Development Kit access</li> <li>Example (on memory stick)</li> </ul>
Training Content	
Introduction in the architecture of Flexium <sup>+</sup> HMI	Abstract of development tools
<ul> <li>Explanation of the Flexium<sup>+</sup> HMI components</li> <li>FXBrowser</li> <li>FXServer</li> <li>FXLib</li> <li>FXLog</li> </ul> Structure of configuration files <ul> <li>FXServer.ini</li> <li>FXUser.ini</li> </ul>	<ul> <li>Exercises related to practice using HTML and JavaScript</li> <li>Object instancing of the classes of the development components</li> <li>Using of the development components</li> <li>Characteristics of the array structure of event classes</li> <li>Programming examples</li> </ul>
<ul> <li>Explanation of the FXServer architecture</li> <li>Event handling</li> <li>task management</li> <li></li> </ul>	Questions and answers
Duration	Date / Costs

3 days

### Date / Costs

# Communication with Flexium<sup>+</sup>



Your area of interest	Prerequisite
Engineering and Setup	<ul> <li>FXTR101</li> <li>Windows knowledge</li> <li>Knowledge of object oriented programming (OOP) and use of COM server</li> </ul>
Objectives	Supports
<ul> <li>Using of FXServer for the communication with the different components of Flexium<sup>+</sup>. This allows connections to other systems, independent HMIs, etc. to be realized.</li> </ul>	<ul> <li>Training materials</li> <li>Simulator</li> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Software Development Kit access</li> <li>Programming examples in C# and C++ (on memory stick)</li> </ul>
Training Content	
Introduction in the architecture of FXServer Explanation of the Flexium <sup>+</sup> components • FXBrowser • FXServer • FXLib • FXLog	<ul> <li>Exercises related to practice using C#</li> <li>Object referencing and instancing of the classes of the development components</li> <li>Using of the development components</li> <li>Characteristics of the array structure of event classes</li> <li>Programming examples</li> </ul>
<ul> <li>Explanation of the FXServer</li> <li>Eventhandling</li> <li>Task-Management</li> </ul>	Questions and answers

### Duration

2 days

### Date / Costs

# FlexiumPro HMI personalization



Your area of interest	Prerequisite
Engineering and Setup	<ul> <li>FXTR101</li> <li>Windows knowledge</li> <li>Programming knowledge of C#</li> </ul>
Objectives	Supports
<ul> <li>Creating FlexiumPro HMI custom pages in C#</li> </ul>	<ul> <li>Training materials</li> <li>Simulator</li> <li>Training course in preparation</li> </ul>
	Deliveries <ul> <li>Course presentation (on memory stick)</li> <li>Software Development Klt access</li> <li>Example (on memory stick)</li> </ul>
Training Content	
Introduction in the architecture of FlexiumPro HMI	Abstract of development tools
Explanation of the FlexiumPro HMI architecture	Exercises related to practice using C# <ul> <li>Programming examples</li> </ul>
Structure of configuration files	Questions and answers
Duration	Date / Costs
3 days	Please consult your local training contact

# Communication with FlexiumPro



Your area of interest	Prerequisite
Engineering and Setup	<ul> <li>FXTR101</li> <li>Windows knowledge</li> <li>Programming knowledge of C#</li> </ul>
Objectives	Supports
<ul> <li>Use of the FlexiumPro SDK for communication with the various FlexiumPro components. This allows connections to other systems, independent HMIs, etc. to be realized.</li> </ul>	<ul> <li>Training materials</li> <li>Simulator</li> <li>Deliveries</li> <li>Course presentation for memory stick)</li> <li>Software Development Kit access</li> <li>Programming examples in v# and C++ (on memory stick)</li> </ul>
Training Content	
Introduction in the architecture of FlexiumPro SDK	Exercises related to practice using C# <ul> <li>Programming examples</li> </ul>
	Questions and answers
Duration	Date / Costs
2 days	Please consult your local training contact

# Safety including NUM-SAMX



#### Your area of interest

Engineering and Setup

#### Objectives

- ✓ Understand concept.
- Program and setup a safety application on a Flexium<sup>+</sup> or FlexiumPro system

#### Prerequisite

FXTR102 or FPTR 402

#### Supports

Training materials

 $\circ$  Simulator

#### Deliveries

- Course presentation (on memory stick)
- Software Development Kit access
- Example (on memory stick)

#### **Training Content**

Hardware structure

Safety functions

Safety application concept

Safe PLC programming

#### Drive functions

- NUM-STOX setup
- NUM-SAMX setup

### Duration

2 days

Questions and answers

Date / Costs



# Individual training

Your area of interest	Prerequisite
Something around NUM controls	Depending on the training content
Objectives	Supports
✓ Will be defined with you	Training materials <ul> <li>Simulator</li> </ul>
	<ul> <li>Deliveries</li> <li>Course presentation (on memory stick)</li> <li>Example (on memory stick) if available</li> </ul>
Training Content	
Will be developed with you	
Duration	Date / Costs
To be defined	Please consult your local training contact
Individual training courses can be held at NU	M locations or at the customer's site.



# **Booking Form**

For booking of training, please send an e-mail to following address with content below:

- China: longwei.jiang@num.com
- India: info.in@num.com
- Taiwan and<br/>rest of Asia:johnny.wu@num.com

For other countries, please contact your local sales representative or NUM Switzerland (sales.ch@num.com).

E-mail content

Company name: Contact person: Function: Phone: Address:

Your order number:

Training number: Training date: Training location: Names of the participants: