CNC Power Engineering Always on the move



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	
Flexium CNC and drives training courses	5
2020 Course Schedule	8
Your training contacts	8
Training organization	9
Flexium system description FXTR 101	.10
Flexium and Safety FXTR 102	.11
Operation and basic maintenance FXTR 201	.12
Advanced part programming FXTR 202	
Flexium 3D FXTR 213	
Dynamic operators in C FXTR 223	
High Speed Cutting – 5 axes functions FXTR 233	.16
Flexium system maintenance with Flexium Tools FXTR 301	.17
Flexium system maintenance without Flexium Tools FXTR 320	.18
Flexium system advanced maintenance FLTR 312	.19
Flexium ⁺ system advanced maintenance FPTR 312	
NUMDrive C advanced maintenance FLTR 314	
NUMDrive X advanced maintenance FPTR 314	
Flexium system initial setup FXTR 401	.23
Flexium system advanced setup FLTR 402	
Flexium ⁺ system advanced setup FPTR 402	
NUMDrive C on CANopen FXTR 423	
Extended NCK Access (ENA) FXTR 433	.27
Flexium HMI personalization FXTR 443	
Communication with Flexium FXTR 453	
Safety including SAM FLTR 463	.30
Safety including NUM-SAMX FPTR 463	.31
Axium system maintenance APTR 201	.32
Individual trainings	
Seminar	
Organization / Terms of business	
Booking form	
Journey to NUM USA	.37

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 either take place in our premises or in your facility.



Some training facilities









Flexium CNC and drives 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.

The training sessions can be

Generic FXTR...
 Flexium specific FLTR...
 Flexium⁺ specific FPTR...

The four main categories are

Product characteristics F.TR001..
Operation F.TR002..
Maintenance F.TR003..
Engineering and Setup F.TR004..

They are organized in three levels of expertise with a logical progression path

Beginner 01Advanced 02

Specialist
 Drive specialist
 x3: x specific function
 x4: x specific function

This structure is intended to providing you with the shortest and most efficient path to the success.

The following sessions are available:

Cross range sessions

FXTR 101	Flexium system description
FXTR 102	Flexium and Safety
FXTR 201	Operation and basic maintenance
FXTR 202	Advanced part programming
FXTR 213	Flexium 3D
FXTR 223	Dynamic operators in C
FXTR 233	High speed cutting – 5 axes functions
FXTR 301	Flexium system maintenance with Flexium Tools
FXTR 320	Flexium system maintenance without Flexium Tools
FXTR 401	Flexium system initial setup
FXTR 423	NUMDrive C on CANOpen
FXTR 433	Extended NCK Access (ENA)
FXTR 443	Flexium HMI personalization
FXTR 453	Communication with Flexium

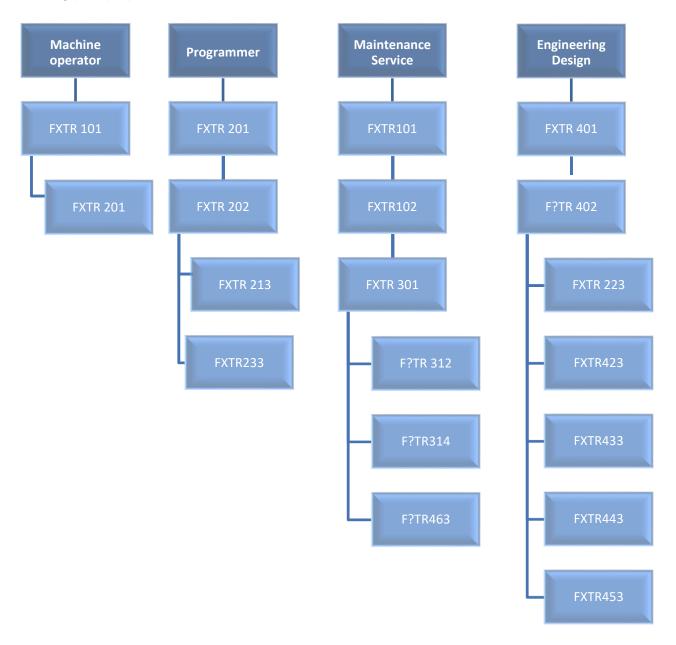
Flexium specific sessions

FLTR 312	Flexium advanced maintenance
FLTR 314	NUMDrive C advanced maintenance
FLTR 402	Flexium system advanced setup
FLTR 463	Safety including SAM

Flexium+ specific sessions

FPTR 312	Flexium ⁺ system advanced maintenance
FPTR 314	NUMDrive X advanced maintenance
FPTR 402	Flexium ⁺ system advanced setup
FPTR 463	Safety including NUM-SAMX

Training path proposal



- N.B.: For simplification purposes the three 0 digits following FXTR code has been suppressed in this figure. They are used to define the language of the training sessions
- N.B. 2: The sessions for specialists are chosen according to the options required. There is no need to attend them in sequence
- N.B 3: Training courses for previous products are built on request
- N.B. 4: The question mark in F?TR stands for L (Flexium) or P (Flexium+)

2020 Course Schedule

CLASS	CLASS TYPE	SYSTEM	1 st QUARTER	2 nd QUARTER	3 rd QUARTER	4 th QUARTER
FXTR201	Operations - Basic Programming	Flexium & Flexium+	1/27 to 1/29	4/27 to 4/29	7/27 to 7/29	10/26 to 10/28
FXTR202	Adv. ISO Programming	Flexium & Flexium+	1/29 to 1/31	4/29 to 5/1	7/29 to 7/31	10/28 to 10/30
FXTR301	System Maintenance	Flexium & Flexium+	2/3 to 2/5		8/3 to 8/5	
FPTR301	System Maintenance	Flexium ⁺		5/4 to 5/6		11/2 to 11/4
FXTR320	System Maintenance	Flexium & Flexium+	2/10 to 2/12		8/10 to 8/12	
FXTR401	System Startup	Flexium & Flexium ⁺	2/17 to 2/21	5/11 to 5/15	8/17 to 8/21	11/9 to 11/13
FPTR402	Adv. Flexium Tools Config. (5 days)	Flexium ⁺ & MDLUX		5/18 to 5/22		11/16 to 11/20
FXTR443/ 453	HMI Personalization	Flexium & Flexium+	2/24 to 2/26		8/24 to 8/26	
Seminar	General	Flexium ⁺ & MDLUX		5/26 (Webinar)		11/23 (Webinar)

¹⁻ For courses not listed on the schedule please contact NUM USA directly.

Please contact us for pricing

Your training contacts USA:

Engineering Department

Phone: +1 630 505 77 22 Fax: +1 630 505 77 54

sales.us@num.com

*Switzerland:

Irma Roth

Phone: +41 71 335 04 11

Fax: +41 71 333 35 87

sales.ch@num.com

*For other countries, please contact your local sales representative or NUM Switzerland.

²⁻ Training for older NUM platform can be schedule as "Individual Training".

Training organization

Quotation

Offers can be asked at your training contacts (see page 8).

Date and time table

Training dates and time tables will be part of a quotation. For training site Naperville (IL, USA) you find these info on page 8.

Journey

Your local sales representative of NUM will provide you with journey information. For training site Naperville (IL, USA) you find these info on page 37.

Hotels

Your local sales representative of NUM can recommend you hotels near to the training places. For training site Naperville (IL, USA) you find these info on page 37.

Flexium system description

Your area of interest	Prerequisite
General knowledge	None
Objectives	Supports
 ✓ Understanding the Flexium range structure (CNCs and Drives) ✓ Understanding the main functions ✓ Ability to define a configuration with the Flexium catalogue 	 Training materials Individual components Simulator Deliveries Course presentation (printed and .pdf on CD) Flexium catalogue (on CD)
Training Content	
Flexium CNC presentation The different models of CNCs Hardware structure – Software functions The panels PC Panels Machine panels The PLC Structure Programming languages IOS NUMDrive C presentation Hardware structure Drives functions and performances	NUMDrive X presentation Hardware structure Drives functions and performances Axes and spindle motors Tools PLC programming Web tools Applications From the single unit CNC to the multi CNC - multi panels configurations Questions and answers (1/2 hour)
 Axes and spindle motors Duration	Date / Costs
1 day	Please consult your local training contact

Your area of interest	Prerequisite
General knowledge	None
Objectives	Supports
✓ Understanding the Flexium and Flexium ⁺ safety concepts	Training materials Individual componentsSimulator
 Understanding the various safety features 	Deliveries
 Ability to define the components and development required for a particular configuration 	 Course presentation (printed and .pdf on CD) Flexium catalogue (on CD)
Training Content	Sofoty and Mations
Safety: What is it? Safety PLCs Safe motions Safety level	Safety and Motions SAM, STO and NUMDrive CSAMX, STOX and NUMDrive X
General on EtherCAT and FSoE	Questions and answers (1/2 hour)
The Safe PLC Structure Programming languages I/Os	
Duration	Date / Costs
1 day	Please consult your local training contact

Operation and basic maintenance

Your area of interest	Prerequisite Knowledge of NUM products or FXTR101		
Machine operator – 1 st level maintenance			
Objectives	Supports		
 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 materials Individual componentsSimulator Deliveries Course presentation (printed and .pdf on CD)Programming manual (CD) 		
Training Content			
Operation Using the HMI Modes of operation ISO concepts (interpolation – feedrate – tools offsets – main canned cycles) Coordinate systems – programmable axes 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	Tools Web tools Flexium license loader Questions and answers (2 hours)		
Duration	Date / Costs		
2.5 days	Please consult your local training contact		

Advanced part programming

FXTR 202

Your area of interest

Advanced part programming – custom macros – special functions for OEM

Prerequisite

Level FXTR 201

Objectives

- Mastering the advanced ISO functions of the system
- Ability to create a custom macro (tool changer – milling head exchange – probing etc.)

Supports

Training materials

- o Individual components
- o Simulator

Deliveries

- o Course presentation (printed and .pdf on CD)
- Programming and advanced programming manual (CD)

Training Content

Advanced ISO functions

- Polar programming
- Probing management
- Pocket cycles
- Complements on parametric programming
 - Detailed information on E parameters
 - Relation with the outside via the PLC
- Structured programming
- Dynamic operators
- Customized G codes

Exercises

Questions and answers

Date / Costs

2.5 days

Duration

Please consult your local training contact

Flexium 3D FXTR 213

edge of NUM products or FXTR201 orts ig materials hulator ries urse presentation (printed and .pdf on CD)
ng materials nulator ries
nulator
Costs

Dynamic operators in C

Your area of interest	Prerequisite FXTR202 – C language	
General knowledge		
Objectives	Supports	
 Develop an application using dynamic operators in C 	Training materials Individual componentsSimulator	
	Deliveries o Course presentation (printed and .pdf on CD) o Flexium catalogue (on CD)	
Training Content		
Principle of dynamic operators		
 Short example using classic dynamic operators 		
o Review list of parameters		
 The compiler 		
o Examples		
Trace and debug		
Duration	Date / Costs	
1 day	Please consult your local training contact	

High Speed Cutting – 5 axes functions

Your area of interest	Prerequisite		
General knowledge	FXTR202 – FXTR 401		
Objectives	Supports		
✓ Mastering 5 axes machining functions	Training materials		
✓ RTCP (Rotating Tool Centre Point)	Individual componentsSimulator		
✓ Inclined plane	Deliveries		
✓ High speed cutting	Course presentation (printed and .pdf on CD)Flexium catalogue (on CD)		
Training Content			
 NC 5 axes functions 	 Axes adjustments 		
o RTCP and inclined plane parameterization	 Flexium tools instruments 		
 Application 	o Practical case		
 High speed machining functions 	Questions and answers (1/2 hour)		
 Speed and acceleration controls 	Questions and answers (1/2 hour)		
o Optimization of parameters			
Duration	Date / Costs		
2 days	Please consult your local training contact		

Flexium system maintenance with Flexium Tools

Your area of interest	Prerequisite		
Maintenance	Level FXTR101		
Objectives	Supports		
 Ability to detect and replace defective components in a short time 	Training materials Simulator		
✓ Predictive maintenance	Deliveries o Course presentation (printed and .pdf on CD)		
Training Content			
Flexium system maintenance			
 System structure 			
 Components 			
 System startup 			
o Diagnostics			
 Software updates 			
Service tool			
Safety Backup and Bacters presedures			
Backup and Restore proceduresPart replacement			
Drives maintenance			
o Product knowledge			
 Drives exchange procedure 			
Questions and answers (1 hour)			
Duration	Date / Costs		
2.5 days	Please consult your local training contact		

Flexium system maintenance without Flexium Tools FXTR 320

Your area of interest	Prerequisite
Maintenance Objectives	Level FXTR101 Supports
✓ Predictive maintenance	Deliveries o Course presentation (printed and .pdf on CD)
Training Content	
Flexium system maintenance	
 System structure 	
o Components	
System startup	
Diagnostics	
 Software updates 	
Service tool	
o Safety	
 Backup and Restore procedures 	
 Part replacement 	
Drives maintenance	
o Product knowledge	
o Drives exchange procedure	
Questions and answers (1 hour)	
Duration	Date / Costs
2.5 days	Please consult your local training contact

Flexium system advanced maintenance

FLTR 312

Your area of interest	Prerequisite
Maintenance	Level FXTR301
Objectives	Supports
✓ Ability to detect and replace defective components in a short time	Training materials Simulator
✓ Predictive maintenance	Deliveries o Course presentation (printed and .pdf on CD)
Training Content	
Flexium system maintenance	NUMDrive C advanced maintenance
 Detailing the product structure 	 Detailed analysis
Exchange zone	 Drives instruments
 Troubleshooting with Flexium HMI 	 Drives exchange procedure
 Flexium Tools Parameters modification Debugging with the PLC PLC program adjustments 	 Safety application maintenance
PLC program adjustmentsBackup and restore	Questions and answers (1 hour)
Duration	Date / Costs
3 days	Please consult your local training contact

Flexium⁺ system advanced maintenance

FPTR 312

Your area of interest	Prerequisite
Maintenance	Level FXTR301
Objectives	Supports
✓ Ability to detect and replace defective components in a short time	Training materials o Simulator
✓ Predictive maintenance	Deliveries o Course presentation (printed and .pdf on CD)
Training Content	
Flexium⁺ system maintenance	NUMDrive X drives advanced maintenance
 Detailing the product structure 	 Detailed analysis
Exchange zone	 Drives instruments
 Troubleshooting with Flexium HMI 	 Drives exchange procedure
Flexium Tools	
 Parameters modification 	 Safety application maintenance
 Debugging with the PLC 	
 PLC program adjustments 	Questions and answers (1 hour)
 Backup and restore 	
Duration	Date / Costs
3 days	Please consult your local training contact

NUMDrive C advanced maintenance

FLTR 314

Your area of interest	Prerequisite
Machine maintenance	Level FXTR 301
Objectives	Supports
 Ability to detect and replace components or adjust parameters 	Training materials o Simulator
	Deliveries o Course presentation (printed and .pdf on CD)
Training Content	
Review	
o Range description	
Troubleshooting with Flexium HMI	
Components connections	
 Structure of a NUMDrive C application 	
Adjustments	
 Using Flexium Tools for diagnostic 	
 Main drive parameters 	
 Adjustment and control 	
Questions and answers	
Duration	Date / Costs
2.5 days	Please consult your local training contact

NUMDrive X advanced maintenance

FPTR 314

Your area of interest	Prerequisite
Machine maintenance	Level FXTR 301
Objectives	Supports
 Ability to detect and replace components or adjust parameters 	Training materials o Simulator
	Deliveries o Course presentation (printed and .pdf on CD)
Training Content	
Review	
o Range description	
 Troubleshooting with Flexium HMI 	
Components connections	
 Structure of a NUMDrive X application 	
Adjustments	
 Using Flexium Tools for diagnostic 	
 Main drive parameters 	
 Adjustment and control 	
Questions and answers	
Duration	Date / Costs
2.5 days	Please consult your local training contact

Flexium system initial setup

Your area of interest	Prerequisite
Engineering and Setup	FXTR201
Objectives	Supports
 ✓ Create a first Flexium application for a machine ✓ Control basic functions – Run two axes and a spindle 	Training materials Simulator Deliveries Course presentation (printed and .pdf on CD) Installation manual – Commissioning manual – Flexium Tools (all on CD)
Training Content	
Understanding Flexium structure	Questions and answers
Flexium Tools presentation Getting familiar with the package Languages Variables Structure of a project Practical exercise Creating the machine structure Integrating IOs (CANopen and Ethernet) Integrating a panel Handling modes, manual and automatic commands Operator messages Power on, security Integrating axes and spindle First level of parameterization Running a simple part program Introduction to the custom visualization	
Duration	Date / Costs
5 days	Please consult your local training contact

Flexium system advanced setup

FLTR 402

Your area of interest	Prerequisite
Engineering and Setup	FXTR 401
Objectives	Supports
 Commissioning a Flexium system on any kind of machine 	Training materials Simulator
	Deliveries Course presentation (printed and .pdf on CD) Full set of Flexium manuals – Flexium Tools Example project (all on CD)
Training Content	
Detailed analysis of exchange variables	Questions and answers
 Flexium Tools complements Project simulation and debug Application control (Tasks – automated checks) Field bus control Advanced functions (Probing – tool wear – shutdown etc.) Custom screens complements Optional functions (multi NCK – multi panels etc.) Writing custom libraries 	
Duration	Date / Costs
5 days	Please consult your local training contact

Flexium⁺ system advanced setup

FPTR 402

Your area of interest	Prerequisite
Engineering and Setup Objectives	FXTR 401 Supports
	 Deliveries Course presentation (printed and .pdf on CD) Full set of Flexium manuals – Flexium Tools – Example project (all on CD)
Training Content	
Detailed analysis of exchange variables	Questions and answers
Flexium Tools complements	
 Project simulation and debug 	
 Application control (Tasks – automated checks) 	
o Field bus control	
 Advanced functions (Probing – tool wear – shutdown etc.) 	
 Custom screens complements 	
o Optional functions (multi NCK - multi panels	
etc.)	
 Writing custom libraries 	
Duration	Date / Costs
5 days	Please consult your local training contact

NUMDrive C on CANopen

Your area of interest	Prerequisite
Engineering and Setup	F?TR 402 required
Objectives	Supports
✓ Control of one or more NUMDrive C over CANopen	Training materials o Simulator
	Deliveries Ourse presentation (printed and .pdf on CD) Full set of Flexium manuals – Flexium Tools Example project (all on CD)
Training Content	
Recalls on CANopen	
NUMDrive C library o Available parameters and functions	
Application o Parameters settings o Position control	
Velocity control	
Questions and answers	
Duration	Date / Costs
2 days	Please consult your local training contact

Extended NCK Access (ENA)

Your area of interest Engineering and Setup Objectives	Prerequisite F?TR 402 required Supports		
		 Exchange of additional data between NCK and PLC 	Training materials o Simulator
			Deliveries o Course presentation (printed and .pdf on CD) o Flexium Tools – Example project
Training Content			
Structure of internal communication in Flexium systems			
ENA library o Available parameters and functions			
Application			
Reading parameters Writing parameters			
Writing parametersFiles management			
Questions and answers			
Duration	Date / Costs		
2 days	Please consult your local training contact		

Flexium HMI personalization

Your area of interest	Prerequisite
Engineering and Setup	 FXTR 101 Windows knowledge Programming knowledge of script languages
Objectives	Supports
 Creating Flexium HMI custom pages in HTML/JavaScript 	Training materials o Simulator
	Deliveries o Course presentation (printed and .pdf on CD) o Software Development Kit access o Example (on CD)
Training Content	
Introduction in the architecture of Flexium HMI	Abstract of development tools
Explanation of the Flexium HMI components FXBrowser FXServer FXLib FXLog Structure of configuration files FXServer.ini FXUser.ini Explanation of the FXServer architecture Event handling	 Exercises related to practice using HTML and JavaScript Object instancing of the classes of the development components Using of the development components Characteristics of the array structure of event classes Programming examples Questions and answers
task management Duration	Date / Costs
3 days	Please consult your local training contact

Communication with Flexium

Your area of interest	Prerequisite
Engineering and Setup	 FXTR 101 Windows knowledge Knowledge of object oriented programming (OOP) and use of COM server
Objectives	Supports
 Using of FXServer for the communication with the different components of Flexium 	Training materials Simulator
	 Deliveries Course presentation (printed and .pdf on CD) Software Development Kit access Programming examples in C# and C++ (on CD)
Training Content	
Introduction in the architecture of FXServer Explanation of the Flexium components (FXServer, FXLib, FXLog) and configuration file (FXServer.ini) Explanation of the FXServer architecture (Event handling, task management,)	 Exercises related to practice using C# Object referencing and instancing of the classes of the development components Using of the development components Characteristics of the array structure of event classes Programming examples Questions and answers
Duration	Date / Costs
3 days	Please consult your local training contact

Your area of interest	Prerequisite	
Engineering and Setup	FXTR 102 or FLTR 402	
Objectives	Supports	
✓ Understand concept.	Training materials	
✓ Program and Set-Up a safety application on a Flexium system	Deliveries Ourse presentation (printed and .pdf on CD) Software Development Kit access Example (on CD)	
Training Content Hardware structure		
Safety functions		
Safety application concept		
Safe PLC programming		
Drive functions o STO setup o SAM setup		
Questions and answers		
Duration	Date / Costs	
1 day	Please consult your local training contact	

Safety including NUM-SAMX

FPTR 463

Your area of interest	Prerequisite	
Engineering and Setup	FXTR 102 or FPTR 402	
Objectives ✓ Understand concept. ✓ Program and setup a safety application on a Flexium system	Supports Training materials Simulator Deliveries Course presentation (printed and .pdf on CD) Software Development Kit access Example (on CD)	
Training Content Hardware structure Safety functions Safety application concept Safe PLC programming Drive functions		
NUM-STOX setupNUM-SAMX setup Questions and answers		
Duration	Date / Costs	
2 days	Please consult your local training contact	

Axium system maintenance

APTR 201

Your area of interest	Prerequisite	
Maintenance	None	
Objectives	Supports	
✓ Ability to detect and replace defective components in a short time	Training materials o Simulator	
✓ Predictive maintenance	Deliveries o Course presentation (printed and .pdf on CD)	
Training Content		
Axium system maintenance		
 System structure 		
Components		
 System startup 		
Diagnostics		
 Software updates 		
 Service tool 		
o Safety		
 Part replacement 		
Drives maintenance		
 Product knowledge 		
o Drives exchange procedure		
Questions and answers (1 hour)		
Duration	Date / Costs	
5 days	Please consult your local training contact	

Individual trainings

Your area of interest	Prerequisite	
Something around NUM controls	Depending on the training content	
Objectives	Supports	
✓ Will be defined with you	Training materials o Simulator	
	Deliveries o Course presentation (printed and .pdf on CD) o Example (on CD) if available	
Training Content		
Will be developed with you		
Duration	Date / Costs	
To be defined	Please consult your local training contact	

Individual trainings can happen at NUM locations or customer site.

Seminar

Your area of interest	Prerequisite	
General	None	
Objectives	Supplementary Items	
✓ Present NUM's newest innovations in CNC, servo motors and drive technology	Training materials o Simulator	
	Media Course presentation (.pdf on USB)Example (on USB) if available	
Training Content		
Topics include the newest innovations in CNC, servo motors and drive technology. Additional topics include NUM services, maintenance techniques and a range of innovative complete solutions for CNC and machine tool retrofits		
Duration	Date / Costs	
.5 days	Refer to Course Schedule	

Free of charge

Organization / Terms of business

Training Facilities United States:

NUM USA Phone +1 630 505 7722 603 E. Diehl Road Suite 115 Fax +1 630 505 7754

Naperville, IL 60563 sales.us@num.com

Journey / Hotels Short descriptions of the journey and hotels near to the training site are described on page 37.

Cost Contact your local NUM office.

Time Classes begin at 08:30 a.m. and end at about 5:00 p.m., with 1 hour lunch break.

Booking All classes require a minimum of 3 persons. Insufficient enrollment 3 weeks prior to the class date will result in course cancellation.

Student cancellations will not be accepted within 3 weeks prior to the course start date. Student will be invoiced as if attending the course.

Booking form

For booking of training please send an e-mail to following address with content below: sales.us@num.com

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

_			
⊢ -1	กวเเ	CON	itent
	Hall	COL	ILCIII

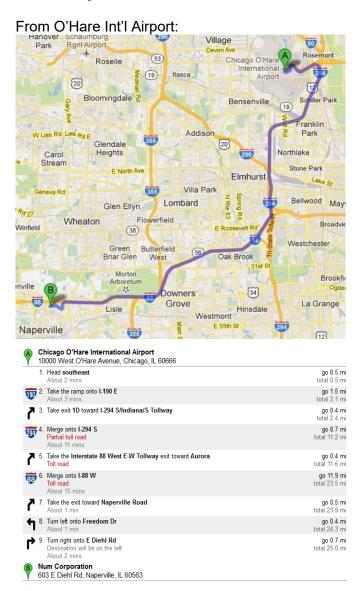
Company name: Contact person: Function: Phone: Address:

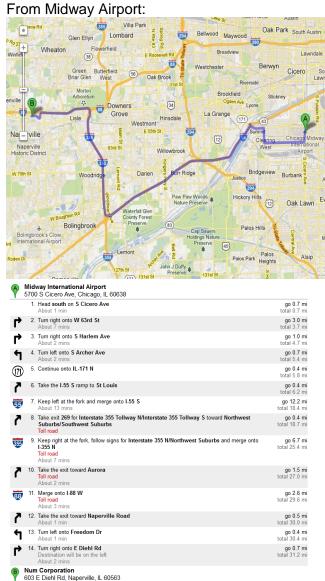
Your order number:

Training number:
Training date:
Training location:

Names of the participants:

Journey to NUM USA





Hotel with NUM discount:

Hampton Inn --

1087 E. Diehl Road

(630) 505-1400

Continental breakfast included. Area shuttle, exercise room and seasonal outdoor pool available. Ask for NUM USA rate to get a 25% discount.

Hotel Indigo Naperville Riverwalk - Downtown --

120 Water Street

(630) 778 9676

Some customers prefer this downtown Riverwalk location with walking distance to shopping, restaurants, bars, etc... The Hotel has free wifi with full service restaurant serving breakfast, lunch, dinner, exercise room, free weights and cardio equipment. Complimentary shuttle service to and from NUM offices and within 5 mile radius of hotel - based upon availability.

Ask for the NUM Corporation rate. 15-25% off. (Corp ID 786866549, IATA# 99502056)