Training for SINUMERIK sl and SINUMERIK Safety Integrated

Practical knowledge directly from the manufacturer

siemens.com/sitrain
Skills development with perspective

Rely on practical knowledge that comes straight from the manufacturer

Well-trained employees are a crucial factor in any company's success. Skills development and expert knowledge make companies competitive and innovative. With our globally available training courses for industry, we help you achieve these goals – with practical experience, innovative learning methods, and a concept that's tailored to the customer's specific needs.

Our trainings – these are courses led by certified experts with practical experience. Practical exercises on specially developed training equipment as well as high-quality course materials ensure learning success.

Our successful portfolio includes more than 300 courses as well as special advanced training modules in individual sectors – available at over 130 locations worldwide. We can also customize courses and conduct the sessions on your premises.

Sustainable skills development in three phases

Conducted in three phases, our integrated skills development program ensures that all participants are able to fill specific gaps in their knowledge and expand their competencies.

Phase 1: Requirement analysis

A requirement analysis establishes clarity in advance. The comprehensive, task-specific assessment of the services to be provided and the participants' current level of knowledge lay the foundation for individual recommendations for further training. Building on this assessment, a course curriculum for building skills is created – adapted to individual customer requirements, of course.

Phase 2: Our trainings

Participation in our training courses forms the core of the skills development program. In the courses we discuss the capabilities and functions of our products, making transparent the workflows and relationships of different product components. The individual training courses are optimally coordinated with each other and purposefully build skills and knowledge for the long term.

Phase 3: Follow-up

At the end of the training course, follow-up measures provide a way to monitor success as well as reinforce and refresh the knowledge acquired. Appropriate courses, e-learning activities, and online support forums keep the knowledge up to date over the long term.

Three good reasons for Siemens training:

1. Manufacturer's expertise:
   As the manufacturer of the products, Siemens begins to develop the appropriate training during the product development stage – a real advantage, in terms of time as well as knowledge.

2. Practical experience:
   The courses are distinguished by their wide range of practical exercises – usually comprising half of the course time. This means that the knowledge can be applied immediately in your employees' everyday work.

3. Flexibility in implementation:
   Flexibility is the name of the game. The content as well as the location of the training can be customized to meet each customer's needs.
Permanent expertise development in every aspect of training for Siemens industrial customers: comprehensive qualification solutions for every requirement

Phase 1
Advance requirement analysis

Phase 2
Our trainings

Phase 3
Follow-up reinforcement and refreshing of knowledge acquired
Training for
SINUMERIK 840D sl

The SITRAIN further training program creates the best possible basis for even more efficient plant operation. During the courses, beginners and advanced students alike will be given basic information and in-depth detailed information about SINUMERIK 840D sl. The courses include as many practical exercises as possible to ensure that attendees can apply their theoretical knowledge in small groups directly on the SINUMERIK 840D sl training devices.

More productivity through greater knowledge
You will learn about the design and mode of operation of a machine tool with CNC control and drives which will provide you with a solid foundation for the successful practical application of your knowledge. Through the confident use of the functions you will be able to expertly solve any problems on your machine tool. In the event of a malfunction you will know exactly how to find and clear the fault. For you, this means that with your acquired know-how you will achieve higher machine productivity – and so reduce downtimes.
SINUMERIK 840D sl service
The object of this five-day course is effective troubleshooting and fault clearance. You will learn how to maintain and service a SINUMERIK 840D sl, so that you can reduce any downtimes on the machine and increase productivity.

Service and Start-up SINUMERIK 840D sl
During this course you will learn about configuring the SINUMERIK 840D sl – and how to create, test and start up special machine configurations.

SINUMERIK 840D sl Optimization for SINAMICS S120
In this advanced course you will learn how SINUMERIK sl interoperates with the Sinamics S120 drive and how you can optimize the drive system.

Start-up SINUMERIK Operate for SINUMERIK 840D sl
This course builds on existing knowledge for starting up the 840D sl with HMI Advanced. It enables users switching from other systems to start up the new SINUMERIK Operate user interface for SINUMERIK 840D sl faster and with maximum efficiency.

Operating SINUMERIK Operate
Operators will learn to use SINUMERIK Operate with the standard operating interface and to make changes in part programs. This will give you greater assurance in the handling of machine tools and minimizes the risk of operating errors.
SINUMERIK 840D sl Safety Integrated

The Safety Integrated training course provides the intelligent answer to the ever increasing requirements with regard to the functional safety of a machine or plant. It will show you how you can make full use of the advantages of Safety Integrated for your machine tool. This results in advantages for you in terms of direct cost reduction through lower hardware requirement, faster installation and more efficient engineering.

SINUMERIK 840D sl Safety Integrated Configuring and Start-up
The focus of this course is on optimizing the productivity of your machine. With the knowledge you acquire, you will be able to customize, test and start up machine configurations with safety functions by yourself.

SINUMERIK 840D sl Maintenance and service staff
During this course you will learn the various different control functions. Analysis of the diagnostics and alarm signals will enable you to solve problems on the machine tool quickly and to clear faults effectively.

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SINUMERIK: An overview of the courses

You will find detailed information on learning content, dates, course locations and prices at www.siemens.com/sitrain-sl

Naturally, we also offer courses for SINUMERIK powerline – commissioning, servicing, operation and programming. Further information on this topic at: www.siemens.com/sitrain under the heading SINUMERIK.

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<tr>
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Learn more about SITRAIN Industry Training and find out how you can derive the maximum benefit from the actual products and systems – with courses direct from the manufacturer.