



SIEMENS



SITRAIN – Training for Industry

One customer, one SITRAIN, one goal: ongoing skills development

Training from the manufacturer provides first-hand knowledge of all Siemens products and Siemens systems for every aspect of industry

www.siemens.co.uk/sitrain

A knowledge advantage: Only today's manufacturer knows the product of tomorrow – and its possibilities

What would you say if a friend tells you he had installed new fire extinguishers in his office and had taken all pre-cautions for fire protection. But yet he had not thought about taking any **preventive measures**. Transfer this scenario to your own everyday work. Would you purchase and operate a system without initiating **training measures** that show how that system can be configured, operated and maintained competently? You decide.

SITRAIN offers you training and knowledge directly from the manufacturer about our products and their

possibilities. We train your personnel on training equipment we've developed especially for these products and in our courses we offer comprehensive practical exercises. This allows participants to try out products and make mistakes in a controlled training environment, not in the workplace. During this process you benefit not only from our trainers who work in this field and have considerable practical experience, but also from our innovative learning methods.

You can view specifically what those methods are and discover additional benefits in the following pages

Read further to learn more about ongoing skills development on the following pages.

We train at over 170 locations in more than 60 countries. You can find your personal contact at www.siemens.co.uk/sitrain



Your Training benefits at a glance

- Save time and money: detect optimisation potential faster, avoid expensive planning mistakes
- Increase effectiveness less effort for configuration and commissioning
- A knowledge advantage: training courses are already available at the time of product market introduction, with hardware and software, appropriate training equipment, and always up-to-date
- Save time and resources: shorter orientation periods when technology or personnel change
- Improve production workflows, reduce down times – thanks to training units in the areas of troubleshooting and fault clearance
- Innovative learning methods: blended & e-learning, web-based training.
- Training content and locations can be booked flexibly, depending on customer requirements
- More than 280 certified trainers worldwide
- Practice makes perfect: Typically over half of the course time is spent on hands-on training
- Complete course support: Siemens online support for industry offers FAQs, downloads, application examples, videos, expert panels and more (<https://support.industry.siemens.com>)
- Training with DIN EN ISO 9001 certification ensures that high quality standards are met in production





Three phases of SITRAIN learning path

Our skills development programme: tailored to your needs

We offer our skills development program to ensure that you actually get the knowledge you need. This approach is also a valuable component in tackling the demographic skills challenges with options for skill refurbishment for existing staff and development of apprentices and graduates. The program is organised into three phases:

Phase 1 - Skill Gap Assessment

One customer, individual requirements analysis

A requirements analysis establishes clarity ahead of time. The comprehensive, task-specific assessment of the participants' skills and current level of knowledge forms the basis for individual recommendations for further training. Important considerations include: What are your needs? What additional achievements or abilities do you want to have in the future? Afterwards we define a customized learning path for you or your staff. It is created from our learning modules tailored to meet your company's requirements. We support you phase after phase, always with one goal in mind: ongoing skills development.

Phase 2 - Training Solution Delivery

One SITRAIN, many learning modules

Participation in our training courses represents the core of the skills development programme. In the learning modules, we discuss the capabilities and functions of our products, practiced intensively with specific practical units. The individual training courses are fully coordinated with each other and build skills and knowledge for the long term in a targeted manner.

Phase 3 - Aftercare Programme

One goal "skills development", many opportunities for reinforcement and refreshing your knowledge

At the end of each training module, follow-up measures help ensuring success and that the acquired knowledge is refreshed and expanded upon. Appropriate learning modules, clinics, refreshers, e-learning activities and online support forums ensure that know-how continually remains up-to-date. We firmly believe that only those who continue to learn will gain a real advantage in terms of knowledge and thus a competitive edge. We're here to support you as a reliable, long-term skills partner.



“It is about your skills: In times of the digital revolution in industry, the qualification of the individual represents a critical success factor – for everyone and in every company.

To develop continuously and professionally ensures competitiveness and innovative power. We support you worldwide, with trainers who have real world practical experience and with a learning concept that is customised to your needs.”

Thomas Appel
Head of SITRAIN – Training for Industry

For your skills development

Phase 1

In Advance: Analysis of requirements



Phase 2

Learning modules



Phase 3

Follow-up: Reinforcement and refreshing of knowledge

Why SITRAIN? Satisfied customers.

From the real-life: Training at world market leader J.G. Weisser

We're in St. George, in the Black Forest, not far from the French border. What a lot of people don't know: A market leader is headquartered here, the long-established J. G. Weisser company. It employs more than 400 people and is dedicated entirely to multifunctional, precision lathes and turning centers used in automobile production.

Weisser relies on Siemens products such as SINUMERIK 840D sl and products in the SINAMICS S120 drive series. But the products themselves do not guarantee that the equipment is always state of the art. Neither that production workflows can be regularly optimised or that the employees have the best training. Therefore Weisser took advantage of Siemens' related training opportunities.

And this is how it went:

Working closely with J.G. Weisser, we developed a training plan for qualified advanced training of the employees, one that was tailored to the company's specific needs.

The courses were held on-site the premises, with a special focus on deepening the training content through many practical exercises.

The employees could practice what they learned on test machines and thus train their practical skills. They can benefit from such training in their daily work as well as personally through ongoing skills development. Because: In the future, they will be able to build upon the knowledge they gain here for their own personal learning path.



The response from the surveyed course participants was consistently positive. In particular, the trainers' practical and theoretical knowledge, the fact that the content was up to date and the high level of practical application contribute to the significant customer satisfaction.

Nearly 95 percent of our customers rate our courses as "good" or "very good." 96 percent of the participants would take our courses again and 94 percent would even recommend them to others.

This was the feedback received from our course participants as well as the results of many studies.

For over 20 years, SITRAIN Training for Industry has been surveyed and measured regarding learning methods and success.

The independent market research institution TNS infratest regularly re-validates this high level of customer satisfaction through this survey approach with our customers

The result: Based on the feedback from our customers, SITRAIN Training for Industry has consistently improved over the years. For example, there is now an ongoing requirements analysis for the customer: What does the customer want, what does the customer need, how can that be implemented and where? In addition, the system concept has taken root. A training course does not simply explain a single product, it also covers the product's integration in Siemens Totally Integrated Automation (TIA for short), in other words in the entire production chain.

Our training topics

Go online with us and find your personal learning path at www.siemens.co.uk/sitrain

Discover the wide range of services we offer at **Siemens Sitrain UK**. You can search and book the learning pathway that is right for you. Free online entrance tests are also available.

By clicking on “**MyTraining**” you can track your own training history and access the web-based training courses you have signed up for. Here you can download your completed course documentation as PDF files.

Drive technology <ul style="list-style-type: none"> Basics of drive technology AC converters: SINAMICS Low Voltage + Medium Voltage, SINAMICS Perfect Harmony IDS Integrated Drive Systems SIMOTICS: AC and DC motors, servomotors Geared motors, industrial and planetary gear DC converters: SINAMICS DCM SIRIUS industrial switching technology 	SIMATIC NET industrial communication <ul style="list-style-type: none"> SIMATIC NET communication systems: Industrial Ethernet, PROFINET, Industrial Security Industrial Wireless Communication, OPC, PROFIBUS, AS interface, SINAUT ST7
SIMATIC industrial automation systems <ul style="list-style-type: none"> SIMATIC S7-300/-400 and S7-1500 industrial automation systems based on SIMATIC STEP 7 V5 or Totally Integrated Automation Portal (TIA Portal) SIMATIC S7-1200 micro automation PC-based automation/ embedded automation SIMATIC technology 	Building Technologies <ul style="list-style-type: none"> GAMMA, DELTA KNX courses
SIMATIC HMI operating and monitoring systems <ul style="list-style-type: none"> SIMATIC WinCC flexible SIMATIC WinCC based on V7 and TIA Portal 	Process Control System SIMATIC PCS 7 <ul style="list-style-type: none"> SIMATIC PCS 7: System basics, AS engineering, OS engineering, process safety, service Advanced Process Library (APL), Advanced Process Control (APC), block creation, batch
Motion Control systems <ul style="list-style-type: none"> SIMOTION drive-based SIMATIC T-CPU: Kinematic SIMATIC TDC 	Sensor systems <ul style="list-style-type: none"> Process instrumentation Process analytics Weighing and batching systems RFID systems Code reading systems
CNC automation systems SINUMERIK <ul style="list-style-type: none"> SINUMERIK automation systems SINUMERIK 840D sl SINUMERIK 840D 5-axes-machines 840D Tool management 	
Low-voltage distribution and electrical installation technology <ul style="list-style-type: none"> SIVACON SENTRON 	Safety Engineering – Safety Integrated <ul style="list-style-type: none"> Standards, directives, and guidelines Drive technology Industrial automation systems SIMATIC S7 H/F Safety Integrated SIMATIC PCS 7 Process Safety SINUMERIK Safety

Learn more:

www.siemens.co.uk/sitrain

**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 manufactur-
er.**



If you would like more information, we will be pleased to advise you personally:

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