



SIEMENS



Industry Services

Variable Frequency Drives Technical Training

The right employee training can provide payoffs for employers in increased productivity, reduced costs and flexible resources. Siemens SITRAIN® technical learning services offer you training direct from the manufacturer with dedicated teaching professionals, world-class training workstations and proven, audience based curriculum. Our training programs provide a competitive advantage through hands-on skill building critical to your goals.

The Siemens variable frequency drive family of SINAMICS®, Perfect Harmony and MASTERDRIVE bring innovation to your engineers and maintenance teams. The SITRAIN course offering will help you leverage these leading edge technologies building efficiencies and consistency. Explore the VFD courses and the comprehensive offering of learning solutions from Siemens.

SINAMICS Drive Technical Training - Building Skills and Efficiencies

- Any language, any location, any depth of knowledge
- Professional instructors with proven materials
- Audience based courses focused to your needs
- World-class training workstations for hands-on learning
- Web based, classroom or delivered at your site
- Standard, tailored or customized course options
- Minimize downtime and production loss
- Improve resource flexibility and motivation
- Lower maintenance expenditures

Answers for industry.

Variable Frequency Drives training courses available in the following areas:

Training Course Name (Training Catalog No.)	Days
Drives- Perfect Harmony	
Legacy Control Air/Liquid-Cooled(LDA-LDLALS1A)	4.0
Next Generation Control Air Cooled - Drive Orientation (LDA-LDNGADO1)	1.0
Next Generation Control Air Cooled - Operator Training (LDA-LDNGAOT1)	0.5
Next Generation Control Air-Cooled (Gen3, Gen3E, Gen4) (LDA-LDNGAS1A)	4.0
Next Generation Control Liquid Cooled - Drive Orientation (LDA-LDNGLDO1)	1.0
Next Generation Control Liquid Cooled - Operator Training (LDA-LDNGLOT1)	0.5
Next Generation Control Liquid Cooled High Availability Nuclear (LDA-LDHANE1A)	5.0
Next Generation Control Liquid Cooled High Voltage (LDA-LDHVGE1A)	4.5
Next Generation Control Liquid-Cooled WC3 (LDA-LDNGLS1C)	4.5
Next Generation Control Liquid-Cooled WCII (LDA-LDNGLS1B)	4.0
SOP - System Operational Program (LDA-LDSOPE1A)	2.0
Drives- MASTERDRIVE	
6RA70 DC Setup & Maintenance (SCT-DVR70M1A)	4.5
6SE70 CUMC Setup & Maintenance (SCT-DVS70M1B)	4.5
6SE70 CUVC Setup & Maintenance (SCT-DVS70M1C)	4.5
Drives- ROBICON	
ROBICON W-Series Setup & Maintenance (SCT-DVSNWM1A)	4.5
Drives- SINAMICS	
SINAMICS 6RA80 DCM Setup & Maintenance (SCT-DVDCMM1A)	4.5
SINAMICS G120 Setup & Maintenance (SCT-DV120M1A)	4.5
SINAMICS G150 Setup & Maintenance (SCT-DVSNGM1A)	4.5
SINAMICS S Setup & Maintenance (SCT-DVSNAM1A)	4.5

Your Training Partner

Siemens offers learning solutions for entry level through experienced engineering migration. Many entry level course are web based, blended learning options that encourage the student to gain a solid foundation prior to the classroom. Our classroom courses are audience focused and tiered levels of depth allowing students to reach needed competency levels in a planned, continuous learning approach. Training reinforcement is important to get the most from your investment. SITRAIN simulator systems are available for a great reinforcement tool, project test bed or even spare parts. Our video library provides hundreds of 3-4 minute refresher tasks captured in easy to use video clips. From the global leader in automation technologies, Siemens provides quality learning solutions to meet your comprehensive needs.

Siemens drives training delivers established techniques for commissioning, software navigation, troubleshooting and repair to students. Topics include digital and analog I/O, commissioning, signal tracing, tuning techniques, advanced operation functions, safety, and communicating between drives, PLC's and other integration techniques. Courses cover the extensive diagnostics capabilities of our wide breadth of variable frequency drives, with inside tips direct from the product designers. The combination of lecture and hands-on exercises provides the student with the opportunity to practice and apply the principles provided before experiencing them in the field. This approach provides an intensive and highly productive training experience.



Additional training programs available from Siemens include:

- CNC
- HMI
- Motion Control
- Networking
- SIMATIC S7 with STEP 7 v5
- SIMATIC S7 with TIA Portal v11
- Process Automation & Control
- Process Analytics
- Process Instrumentation
- Maintenance and Safety

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