

## Solid-state power control Training program



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## One stop

Training	Level	Micro drives	HVAC drives	Industrial drives	Enclosed drives	Soft starters
Product & sales	101	Motor / drive basics, how to sell, BidManager				
	201	Lunch N Learn product overviews, spec reviews				
	301	Product training, applications, harmonics				
	401	Advanced product training, communications				
Installation & commissioning	101	PC Tool, installation, basic online startup				
	201	Programming, communications, certified startup				
	301	Advanced programming and communications				
Service	101	Maintenance				
	201	Troubleshooting				
	301	Service provider certification				
	401	Onsite customer training				

Enhance our customers' product competency, troubleshooting skills and safe operations through self-guided, E-Learning and instructor-led training.

One-stop learning + Levels of competency + Variety of formats.

### Three categories of learning

**Product & sales:** This category is designed to give comprehensive training for distributors and salespersons of any level the knowledge to be successful.

**Installation & commissioning:** This category is for installers/users and programmers of Eaton variable frequency drives (VFDs). Training in this category will hone skills in the use of Eaton VFDs for a variety of applications.

**Service:** Training in this category will instruct service personnel in the maintenance and repair of an Eaton VFD.

### Three methods of learning

**Self-guided:** Self-guided training is provided in PDF, PowerPoint® or webinar formats, allowing the student to progress through the training at their own pace and review whenever required.

**E-Learning:** E-Learning modules and E-Learning videos are user-friendly, interactive computer-based training lessons that are effective, time-efficient instructions that can be performed anytime or anywhere there is a computer. This is a perfect way to get the training you need whenever and wherever you have time.

**Instructor led:** Instructor-led training is provided where course length is multi-day or requires hands-on instruction. Complex product training and Commissioning & Service certification are examples where students would attend a classroom environment. Training is conducted at our enclosed drives manufacturing facility in Watertown, WI and throughout the U.S. at local Eaton facilities.

### Four skill levels

**101:** Introductory level course for those who are new to solid-state motor control products.

**201:** Intermediate courses provide the knowledge and skills necessary to meet specific job requirements.

**301:** Skilled courses that build on the intermediate level classes by providing in-depth specific application knowledge.

**401:** Advanced courses provide the highest level of specialized product knowledge and skills needed.



# EATON

Powering Business Worldwide

## Certifications

### 301 Online Basic Startup Training: Installation, programming and commissioning

- Training length: Each drive family (DG1, etc.) certification is 8 modules (6–8 hours total)
- \$100 per person per drive family
- Training includes instruction regarding:
  - Eaton VFD products (DG1, SVX/SPX and H-Max)
  - Installation requirements
  - Power and control wiring methods specific to Eaton VFDs
  - Basic programming
  - Basic operation and maintenance

### 401 Instructor-Led Commissioner Training: Installation, programming and commissioning

- Course completion will reward you with an additional year of warranty
- Training length: Day 1 & 2 (Industrial Drives) and Day 3 (HVAC Drives) held throughout the U.S. at Eaton facilities
- Regionally based training: \$400 per person per day (does not include travel or expenses)
- Eaton drives facility (Wisconsin): \$200 per person per day (does not include travel or expenses)
- Training includes instruction regarding:
  - Eaton VFD products (DG1, SVX, SPX, CFX, CPX and H-Max)
  - Installation requirements
  - Power and control wiring methods specific to Eaton VFDs
  - Programming and customer interface
  - Inspections and testing necessary to confirm proper operation
  - Handoff of the equipment to the customer

### 401 Service Provider Training: Maintenance, troubleshooting and diagnosis

- Course completion allows you to be an Eaton Certified Service Provider
- Training Length: 4-1/2 days at Eaton's Watertown, WI drive facility
- \$1200 per person (does not include travel or expenses)
- Training includes instruction regarding:
  - All Eaton's industrial and HVAC VFD product families
  - AC induction and PM motor theory and interaction with VFDs
  - VFD theory of operation and applying to maintenance and repair
  - Study, analysis and testing techniques of power and control components
  - Description of available service tools and how to utilize them
  - Troubleshooting methods using available tools and processes
  - Defective part/component identification and replacement
  - Final testing of VFDs after repairs are complete

## How to register for training

Visit [www.Eaton.com/DrivesTraining](http://www.Eaton.com/DrivesTraining)

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