



Energizing People > Powering the future



Drive Systems

## Seminar No. 102 AC drive systems

### Course Description:

This course introduces the fundamental principles of drive systems. Participants will learn the basics of squirrel cages, doubly fed asynchronous machines, and synchronous electrical machines. They also will learn the fundamentals of electrical machine operation and control, power electronic components and circuits, variable 3-phase voltage sources (pulse pattern generators), voltage source inverters, variable 3-phase current sources, current source inverters, and control of AC variable speed drives.



### Learning Outcomes:

Basic knowledge of AC variable speed drives and their application



### Prerequisites:

Fundamental knowledge of general electrical engineering



### Participants:

Design, commissioning, operation and development engineers



### Duration:

Three days



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