

14.10.2025 - 14.10.2025

## Inverter Introduction (VSD)

Address / Contact:

Description	This course provides an introduction to the fundamental concepts of AC motors and AC inverter theory. Participants will engage in hands-on experience with the latest variable speed drives in the range, allowing them to acquire essential setup and diagnostic skills applicable to the entire range of Mitsubishi variable speed drives. The course also covers the Mitsubishi FR Configurator software. No prior experience with variable speed drive products is required, although a basic understanding of electrical principles would be beneficial. The course utilizes specialized hardware for the latest variable speed drive simulator systems.
Course target	By the end of this 1 day course delegates should be able to demonstrate an understanding of how to set-up and wire variable speed drives with basic settings and define AC motor theory.
Target group	This professional development experience is aimed at students that have either no previous variable speed drive experience or very limited experience.
Agenda	<p>Over a 1 day period delegates will cover the following modules and topics:</p> <ul style="list-style-type: none"><li>• 3 phase motor theory</li><li>• 3 phase motor rules</li><li>• Wiring – star and delta</li><li>• Mechanical properties of 3 phase motors</li><li>• How a variable speed drive works</li><li>• Basic parameter settings</li><li>• Several practical exercises</li><li>• Introduction to FR Configurator software</li></ul>
Duration	1 Day
Products and software	Inverter (Variable Speed Drives), Software
Article number	743374
Participant fee	550.00 GBP