

# VARIABLE FREQUENCY DRIVES

3 DAY NON-CREDIT BEARING SHORT COURSE

This course will develop an understanding of variable frequency drives and how they are applied in manufacturing process.



## PARTICIPANT PROFILE

Electricians, millwrights and instrumentation mechanics with knowledge of three-phase induction motors, control technology and power electronics.

## COURSE CONTENT

- The safety and environmental risks associated with the equipment and machinery
- The functioning and operation of a VFD
- Maintenance of VFD's
- Problem solving on VFD's

### Practical application of the following:

- Adherence to manufacturers specifications
- Selection of the correct VFD to required motor specification
- Wire control and power circuit
- Set-up of basic motor parameters
- Connect a VFD to power supply and commission

