

This programme is designed to train the learners with IR4.0 digital technologies knowledge and vocational skills to support the digital transformation in the manufacturing industry.



## Programme Learning Outcomes:

- Install the field and control devices for machine and process digitization
- Connect the stand-alone machines and processes into the network
- Establish data communication with the operation systems
- Build the operations system and dashboards for process monitoring
- Data analytics and intelligence using Python and Ladder programming
- Build the data warehouse for asset data storage; and
- Setup network connection to exchange and archiving of data

## Programme Detail:

Duration: 2 years include 6 months of internship

Total modules: 16 include 1 capstone project

## Professional Advisory:

☎ 03-4149 8211

☎ 010-225 7831, 010-225 7832