

# INTRODUCTION TO INDUSTRY 4.0 AND ITS CORE ELEMENTS

## TARGET MARKET

Managerial and/or technical specialist position

## COURSE OUTLINE

- Development of the industrial revolution
- Overview of the core elements – Manufacturing Execution System (MES)
- Product identification with radio frequency identification
- RFID system
- Vertical and horizontal integration
- Machine to machine communication
- Fundamental of industrial network technology
- Worker assistance with augmented reality
- Social-technological developments and the consequences
- Competence development for Industry 4.0
- Change Management for Industry 4.0

## OBJECTIVES

- Learn the key concepts of industry 4.0 and the driving technologies & its core elements

## COURSE OUTCOMES

- Basic introduction of Industry 4.0 and the development of industrial revolution from Industry 1.0 to 4.0
- Understanding of the core elements of Industry 4.0
- The benefits of flexibility, versatility and modularity & decentralization of production control system in manufacturing
- The inter-connectivity of people, product and machines and its impact on manufacturing process changes

**SBL CLAIMABLE**



If you have any enquiries, please contact:

+60 (3) 5621 3630 or email:

[info@comfori.com](mailto:info@comfori.com)