

SHORT LEARNING PROGRAMME

PRODUCTION AND OPERATIONS MANAGEMENT



This short learning programme introduces learners to the fundamental operations management terminologies, functions, strategies, and principles.

It will give you a high-level knowledge of operations design, demand management, capacity management, aggregate planning, master scheduling, inventory management, just-in-time systems (JIT), material requirements planning (MRP), supply chain management, project management, total quality management (TQM), maintenance management, continuous improvement, ergonomics, safety management, occupational hygiene, and service quality.

Admission Requirements

- Learner should be able to take the course in English
- Register and start the programme any time

Duration

Commitment of 12 hours per week over 12 weeks.

Programme Curriculum

- Introduction and strategic contribution of Production and Operations Management
Understand the concepts related to Production and Operations Management strategy for competitiveness, innovation and being part in next industrial revolution
- Design aspects of Production and Operations Management
Explain the principles of Production and Operations Management design, process types, layout types, workflow, product design and job design
- Planning and control aspects of Production and Operations Management
Understand the principles and concepts of demand and capacity, inventory management, MRP, ERP, JIT and supply chain planning and control
- Improving Production and Operations Management
Describe the fundamentals of quality management, TQM, POM maintenance, continuous improvement and TQS for service quality excellence

Credits

There are no credits associated with this programme, but your certificate of completion can be included in your portfolio of evidence for Recognition of Prior Learning (RPL) for consideration when accessing a full qualification.

Price: R7475