

STADIO



FUNDAMENTALS OF PRODUCTION & OPERATIONS MANAGEMENT

SHORT LEARNING PROGRAMME
UNASSISTED ONLINE LEARNING



FUNDAMENTALS OF PRODUCTION & OPERATIONS MANAGEMENT

12 WEEKS WITH MINIMUM FOCUSED LEARNING TIME OF 144 HOURS |

UNASSISTED ONLINE LEARNING | CREDITS: CERTIFICATE OF COMPLETION |

LANGUAGE: ENGLISH

MODE OF DELIVERY - UNASSISTED ONLINE LEARNING

Self-study within 12 weeks. Minimum focused learning time required: approximately 144 hours.

DESCRIPTION

The aim is to provide learners with a fundamental understanding of planning, control and improving operations. The course therefore introduces learners to the fundamental operations management terminologies, functions, strategies and principles. The specific POM functions covered in this course are 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

COMPLEXITY LEVEL

STADIO's Online Short Learning Programmes (SLPs) are non- credit-bearing short courses, designed to provide you with high level knowledge in a particular field of study to assist you in the workplace if you don't have the time to enrol for a full-length programme. Successful completion of the Online SLP, however, can be included in your portfolio of evidence for Recognition of Prior Learning (RPL) for consideration when accessing a full qualification.



ON COMPLETION OF THIS COURSE YOU WILL BE ABLE TO

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

ADDITIONAL OR SPECIFIC ADMISSION REQUIREMENTS

- There are no entry requirements for this Online SLP. However, it is recommended that the applicant has achieved English language competence at a level that is equivalent to Grade 12.

COURSE CURRICULUM

TOPIC 1

- Introduction and strategic contribution of POM (5 study units)

TOPIC 2

- Design aspects of POM (2 study units)

TOPIC 3

- Planning and control aspects of POM (4 study units)

TOPIC 4

- Improving POM * (4 study units)

*After completion of Topic 4 “ Improving POM ”, you will be tested via an online summative assessment (examination) to earn a certificate of achievement.

SPECIFIC REQUIREMENTS

- Optimised for Chrome, but works on all browsers
- Use any mobile or desktop device with a minimum of 128MB of RAM
- A reliable internet connection with continuous access and a minimum speed of 4MB (this product is not available offline)

FEES

R3 950.00



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