



# Supply Chain Management Programme

**NQF Level 5**

## Participant Profile

Purchasing managers, procurement managers and logistics managers, in a business environment, who have an analytical predisposition and wish to enhance their knowledge and skills in strategic supply chain management and procurement in a dynamic environment. The short learning programme is ideal for the persons who have successfully completed the Purchasing Programme NQF5 certificate or an equivalent qualification accepted and approved by the Business Studies Unit.

## Short Learning Programme Structure

The Supply Chain Management Programme (SCMP) is a short learning programme at NQF level 5 and consists of 6 modules which are presented by way of lectures, group discussions, case studies and role plays. The lecturing contact time is 36 hours per module. Two modules are conducted concurrently over 12 weeks of part-time study and are completed before the commencement of the next two modules. Delivery may also be in the form of block release.

## Learning Outcomes

On completion of this short learning programme, the learner will be able to:

- Have a broad understanding of the theoretical and practical concepts of business practice.
- Analyse and synthesis information within a given framework.
- Plan and recommend the successful implementation of business principles in relation to the logistics, supply chain and purchasing function.
- Practically apply the concepts learnt on the programme to scenarios presented in case studies.

## Evaluation of Participants

Assessment is both formative and summative and includes:

- Weekly individual and group exercises and tasks
- Group and individual assignments
- Open and closed book case study integrative assessments

To complete the short learning programme successfully, and be awarded a certificate, learners must be found competent in all aspects of the summative assessment according to requirements listed in the relevant student handbook.

## Entrance Criteria

The minimum entry requirements for admission to the SCMP are:

- Twenty three years of age and
- Three years business experience and
- Senior certificate or NQF 4 equivalent **or**  
Alternative admission can be achieved via the DUT RPL process or mature age exemption.
- A placement assessment may apply

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### Contents of Modules

#### **MODULE 1: Production Management Techniques**

Introduction to Demand and Economics; Supply and Demand & the Mixed Economy; Industrial Buying Behaviour; Forecasting Techniques; Engineer to order, make to stock. Master Production Schedule; Material Requirement Planning; Introduction to Capacity; Independent Demand Ordering Techniques.

#### **MODULE 2: World Class Manufacturing**

Introduction to World Class Manufacturing; Definition of WCM; The Basic Manufacturing Principles, Systems and Processes; Quality Management; Managing the Manufacturing Process; Performance Measurement and Control and the Workplace Environment; The Factory of the Future.

#### **Module 3: Cost and Management Accounting**

The Objective of Accounting; Annual Financial Statements; Financial Analysis of the AFS; Cost Volume Profit Analysis; Budgeting and Cash Flow; Risk & Expected Returns; The Cost of Capital; Working Capital Management; Methods of Financing a Business.

#### **MODULE 4: Technical Purchasing**

Drawing Equipment; Alphabet of Lines, Lettering, Figures and Dimensioning; Managing Production Processes; Construction; Layout of Drawings; Sectioning; Conventional Representations; Assembly Drawings.

#### **MODULE 5: Strategic Supply Chain Management**

Supply Chain Concept; Supply Chain Dynamics; Production Planning; The Systemic Process; Value Stream Mapping; Information Flow; Elements of the Supply Chain. Supply Chain Concept; Supply Chain Dynamics; Production Planning; The Systemic Process; Value Stream Mapping; Information Flow; Elements of the Supply Chain.

#### **MODULE 6: Strategic Procurement**

The Purchasing Process; Procurement Strategy; Industrial Buying Behaviour; Understanding of Process Capability Analysis; Forecasting; Globalisation; Purchasing and Supplier Selection; Purchasing and Business Strategy; Cost Approaches and Techniques; Negotiation Techniques and Rules of Conduct.

#### **Concluding Remarks**

- Due to the dynamic nature of the South African business environment, the BSU reserves the right to make changes to its short learning programmes where necessary.
- The presentation of a short learning programme or any format is subject to sufficient enrolment as determined by the BSU.

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