



# CPT

SKILLS DEVELOPMENT SOLUTIONS



Learnerships



Skills  
Programmes

## Determine Material Requirements - Skills Programme NQF 4 Breakdown

## Determine Material Requirements - Skills Programme NQF 4 Breakdown

Module	Unit Standards covered	NQF Level	Duration (Days)	Approval Number
Inventory Management	116294 – Determine manufacturing and assembly material requirements (12 Credits)	4	5	MERSETA SP 0130/07-17

### **Purpose of this programme:**

Qualifying learners are able to plan for and determine material requirements in a global logistics environment to support the achievement of production schedule. They are further able to identify problems and take appropriate corrective action. This achieved through:

- Determining the inputs in the Material Requirements Planning (MRP)
- Being able to calculate basic material requirements.
- Understanding the material requirements planning and inventory processes
- Understanding inventory types
- Understanding inventory cost factors
- Inventory control measures.

### **The following underlying factors are addressed:**

Supply chain capacity and constraints are considered.

Clear individual lead times are established.

Planning is completed within agreed time frames and meets organisational demands.

**Understanding confirmed:**

Enterprise Resource Planning (ERP).

Concept of material flow planning from source to destination (Supply chains)

Dependent and independent demand

Availability of supplier resources

Existence of Bill of Materials (BOM)

International Commerce (INCO) terms

Impact of lead times

# Contact Details

**College of Production  
Technology (Pty) Ltd  
15 Lakeview Crescent  
Kleinfontein Lake Office Park  
Pioneer Drive  
Benoni**

**0860 278 278**

**[info@cpt.co.za](mailto:info@cpt.co.za)**

**[www.cpt.co.za](http://www.cpt.co.za)**



**merSETA**  
MANUFACTURING, ENGINEERING  
AND RELATED SERVICES SETA

**CPT is ACCREDITED as a TRAINING PROVIDER  
with MerSETA  
Accreditation No.: 17-QA/ACC/0030/06**