THE LEARNING DEVELOPMENT GROUP

Introduction

The accredited Skills Programme, Logistics and Planning Phase 4, is for individuals working in logistics and production planning in different manufacturing, and engineering environments.

It is a practical occupational programme that builds on the level three Skills Programme, with a focus on more advanced skills in production scheduling and monitoring. On completion delegates will understand manufacturing and production strategic business plans and be able to use Master Production Plans (MPPs) and Schedules (MPSs). It also covers the importance of customers in the business process chain.

The Skills Programme offers career progression in the manufacturing and production sector and articulates into the NC: Production Technology, level 4.

Target Audience

The Skills Programme is aimed at individuals working in production planning, scheduling, control and quality assurance. Those in maintenance work in operations, manufacturing and assembly logistics will benefit from the programme.

Entry Requirements

- Competence in Communication at NQF level 3.
- Competence in Mathematical Literacy at NQF level 3.

Additional Requirements

- You will need access to appropriate workplace activities to complete the practical components of the skills programme.

- Active support and mentorship by your manager.

- Access to a PC, software and the internet.

Course Delivery & Assessment

We use a blend of inclass and virtual interactive learning, workplace learning, coaching and mentoring, theoretical assessment, practical workplace observation and self-study to embed skills.

You will need to:

- Attend all sessions.

- Complete practical workplace experiential learning and assignments.

- Demonstrate theoretical and practical understanding of programme content.

- Compile and submit a Portfolio of Evidence (PoE).

To receive your Statement Of Results, Logistics and Planning Phase 4 , you will need to compile, submit and be found competent on a Portfolio of Evidence (PoE).

Learning Outcomes

By the end of the skills programme, you will be able to:

- Plan detailed scheduling, source requirements, source data and communicate scheduling requirements and schedule production.

- Monitor production by identify critical production parameters.

- Identify non-conformance, determine causes and take corrective action.

- Report production achievements and explain a detailed production schedule and monitoring process.

- Understand a manufacturing and assembly strategic business plan and critical issues related to the plan.

- Understand and use a Master Production Plan (MPP) and Schedule (MPS).

- Understand the importance of customers in the business process chain.

Course **Content**

SP: Logistics and Planning Phase 4
Accreditation Body: MERSETA

| SETA Skills Programme ID: SP 0880/14-17
| NQF Level: 4 | Credits: 24

Unit Standard 116287: Schedule And Monitor Production

- Prepare for detailed scheduling activity
- Schedule production
- Monitor production
- Identify non-conformances, determine their cause and take corrective action
- Report production achievements
- Discuss and explain the detailed production scheduling and monitoring process

Unit Standard 116287: Demonstrate An Understanding Of The Principles Of Manufacturing And Assembly Logistics Planning

- Demonstrate an understanding of the interfaces and interactions of a manufacturing and assembly strategic business plan
- Identify critical issues relating to strategic planning
- Demonstrate an understanding of the Master Production Plan (MPP) and Master Production Schedule (MPS) as an output of the Strategic or Business plan
- Demonstrate an understanding of the uses of the MPP and MPS
- Demonstrate an understanding of the importance of the customer in the business process chain (internal and external)

Our **Accredited** Organisations

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