

SAQA ID
49743

DURATION
12 Months

CREDITS
121

QCTO

National Certificate:

MANUFACTURING MANAGEMENT

NQF Level 5



WHO SHOULD STUDY THIS COURSE?

A person acquiring this qualification will be able to plan work processes to ensure that (a) production line(s) operate effectively within the performance requirements of the manufacturing unit, lead people within a production environment to ensure organisational objectives are achieved, maintain health, safety and quality control standards, organise, control and continuously improve a production process in the South African manufacturing context to enable the unit and the organisation to remain competitive in the global market place.

The skills, knowledge and understanding demonstrated within this qualification are essential for the creation of a talent pool of production experienced and effective first line managers that represents the demographics of the South African society.

This qualification will create a leadership cadre for the manufacturing industry that will be able to apply in the workplace the skills and knowledge acquired.

Rationale:

This qualification reflects the needs of the Manufacturing Industry for a person with first line management skills and with a sound knowledge base and experience of production and manufacturing. A generic first line management qualification is not conceptualised to the specific needs of manufacturing with regards to management of materials, problem-solving in a manufacturing context and integration and coordination of multiple activities to optimise a production process.

The learners will typically be first line manufacturing managers with an automated production process. The Manufacturing industry has identified the need to develop a pool of management talent to enable organisations to implement integrated systems and management processes to become internationally competitive and a choice is given to enable the learner to specialise with a contextualised manufacturing area.

This qualification will ensure that the levels of skills in the South African Manufacturing environment will be enhanced and that learners completing this qualification will be able to manage a production line at a standard comparable with the rest of the world. The qualification, although developed specifically for the food and beverage industry also provides the flexibility to articulate to other manufacturing environments such as fast moving consumable products, pharmaceutical, chemical, motor assembly, wood milling and a packaging environment.

The level of flexibility within the range of electives will allow the individual to pursue some further specialization within human resources management, training and development, general management, senior manufacturing management or packaging technology development.

Exit Level Outcomes

1. Plan work processes to ensure that production lines operate effectively within the operational requirements of the manufacturing unit.
2. Lead people within a production environment to ensure organisational objectives are achieved.
3. Maintain health, safety, quality control and environmental standards during the production process.
4. Organise, control and continuously improve a production process in the South African manufacturing context to enable the unit and the organisation to remain competitive in the global market place.

ASSOCIATED ASSESSMENT CRITERIA

1.

Relevant policies, procedures and legislation is used as guideline to the formulation of all plans.

All plans are developed in accordance with the integrated activities of the organisation's supply chain.

Operational budgets, which are realistic and accurate, are developed for a production process.

Material resource plans, which are realistic and accurate, are developed for a production process.

Human resource plans, are developed for a production process.

Operational and production plans linked to standard operating procedures and the manufacturing strategy of the organisation, are developed for production process.

2.

A common vision for a new or established team is developed or enhanced that reflects the organisation culture but is committed to the achievement of defined organisational objectives within the production process.

Leadership styles are selected that best contribute to the commitment of the team members and portrays the organisation ethics, values and culture.

High levels of trust developed and maintained through the creation of a culture of honesty and integrity.

Individuals and team performance is measured against all plans developed for the production process, variances are highlighted and feedback given, corrective actions applied where necessary.

3.

Personal, environment and product safety are maintained during the manufacturing of the product. Ensure good manufacturing practices are applied during the production process.

Verify conformance to quality parameters during the production process.

Process tools and equipment are effectively organised to minimise waste.

4.

Standards and controls related to work processes are managed within the production process.

Variance between forecasts and plans and the outcome of the work processes is recorded, analysed and reported.

Process, product and quality deviations are identified and feedback and corrective actions implemented.

Suggestions for improvement are fostered, discussed, debated, collated and distributed through the organisation according to the specific communication channels of the organisation.

Implement new ideas and improvements as approved by the organisation

Integrated Assessment:

Integrated assessment provides the opportunity for learners to show they are able to integrate concepts actions and ideas achieved across a range of unit standards and contexts. Integrated assessment must evaluate the quality of competence attained by the learner.

The learner, being found competent to achieve the exit level outcomes of the qualification will be assessed competent and be awarded the qualification. This will ensure that learning and competence are not achieved only in the building blocks of the unit standards but also in the integration and application of the fundamental core and elective building blocks to a particular context i.e. the exit level outcomes.

Admission Requirements:

- Communication at NQF Level 4.
- Mathematical Literacy at NQF Level 4.



Unit Standard

CORE	Build teams to meet set goals and objectives	5	3
	Demonstrate an understanding of manufacturing, principles, methodologies and processes	5	7
	Demonstrate and apply an understanding of the Labour Relations Act (Act 66 of 1995)	5	12
	Monitor team members and measure effectiveness of performance	5	4
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Unit Standard

FUNDAMENTAL	Analyse leadership and related theories in a work context	5	8
	Apply business financial practices	5	4
	Apply financial analysis	5	4
	Conduct communication within a business environment	5	8
	Contribute to the management of costs and the enhancement of value	5	10
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