

Further Education and Training Certificate: Production Technology

SAQA QUAL ID	QUALIFICATION TITLE	
58779	Further Education and Training Certificate: Production Technology	
PRIMARY OR DELEGATED QUALITY ASSURANCE FUNCTIONARY		NQF SUB-FRAMEWORK
MERSETA - Manufacturing, Engineering and Related Services Education and Training Authority		OQSF - Occupational Qualifications Sub-framework
QUALIFICATION TYPE	FIELD	SUBFIELD
Further Education and Training Certification	Field 06 - Manufacturing, Engineering and Technology	Manufacturing and Assembly
MINIMUM CREDITS	PRE-2009 NQF LEVEL	NQF LEVEL
143	Level 4	NQF Level 04
LAST DATE FOR ENROLMENT		LAST DATE FOR ACHIEVEMENT
2024-06-30		2027-06-30

PURPOSE

The program is intended for students who want to accomplish a variety of technological, engineering, and manufacturing tasks. This qualification is the third qualification in a pathway of three (3) qualifications for learners in the production technology environment.

Manufacturing and related industries can benefit from this qualification, as it prepares learners to contribute and function in areas such as production planning, control, optimization, logistics, quality, and occupational health and safety.

The production technology competencies incorporated in this qualification can also be offered as support skills programmes to incumbents in any other manufacturing, engineering and technology field qualifications.

Qualifying learners will have access to further learning as supervisors, managers within this particular production environment, and a learning pathway to higher education.

Note: The qualifications available in production technology are either provider-based qualifications or national qualifications at NQF Level 5. There are no lower level qualifications that allow a learner access into this specific discipline.

WHO SHOULD APPLY?

Individuals who have an interest in a career in production technology.

QUALIFICATIONS RULES

The Qualification consists of a Fundamental, a Core and an Elective Component.

The minimum credit required - 43 credits as detailed below:

Fundamental Component:

The compulsory Fundamental Component consists of Unit Standards in:

- Mathematical Literacy at NQF Level 4 - 16 credits.
- Communication at NQF Level 4 in a First South African Language - 20 credits.
- Communication in a Second South African Language at NQF Level 3 - 20 credits.
- It is compulsory for learners to do Communication in two different South African languages, one at Level 4 and the other at Level 3.

Core Component:

- Compulsory core component consists of Unit Standards - 67 credits

Elective Component:

- The Elective Component consists of Unit Standards to the value of 343 credits. Learners are to choose Unit Standards to the minimum of 20 credits.

EXIT LEVEL OUTCOMES:

Successful learners will be able to:

- Measure, control and improve factors influencing production.
Range: Factors include not limited to MRP, Just in Time (JIT), logistics, supply chains, value chains, labour, materials, capacity planning, maintenance, scheduling and planning, ergonomics, capability studies, work study techniques, statistical process control, reliability studies.
- Contribute to budgeting processes in an operational unit to optimise resources.
- Solve operational problems in a production process.
- Promote, implement and maintain procedures that support quality assurance and control.