

NQF 4 National Certificate: Production Technology

Presented by:



merSETA Accreditation No: 17-QA/ACC/0502/10



Step Across Training provides the following Accredited merSETA Learnership:

Unit Standard: 58779

QUALIFICATION TITLE:

Further Education and Training Certificate: Production Technology

Duration

12 - 18 Months Part-Time

Unit Standard Level & Credits

Unit Standard Level 4, 148 Credits

Who should attend:

Learners who will typically embark on this qualification are individuals who have an interest in a career in production technology. 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.

Operators, their Supervisors, Managers and all staff working on a Production Line.

Aim of this Course

As a result of an increased need for efficient and quality production processes in the manufacturing, engineering and technology field, the demand for production technology competencies has become more evident.

This qualification contributes to the industries in manufacturing and related fields which will allow learners who achieve the qualification to contribute and function in areas such as production planning and control, optimisation, systems and maintenance, logistics, quality and occupational health and safety.

This qualification will add value to a specific manufacturing, engineering and technology context by complementing contexts specific qualifications within these sectors.

The supportive relationship between occupational qualifications and this qualification is embedded in the inclusion of production technology competencies that have previously not been included in mainstream production, manufacturing and technological qualifications in order to address these identified gaps.

How will learners benefit from this certificate?

The combination of learning outcomes will provide the learner with vocational knowledge and skills appropriate to the context of Production Technology.

Learners will acquire a range of skills in the identification of production parameters in manufacturing, engineering and technology industries and basic strategies to achieve them.

Please refer to the Qualification Breakdown as set out on the next page.

Qualification Breakdown:
Unit Standard 58779: FET Certificate: Production Technology
NQF4, 148 Credits
Duration: 12 - 18 Months Part-time



Module Description	TOTAL CREDITS	Module Number:	UNIT STANDARD	DESCRIPTION OF UNIT STANDARD	TYPE	UNIT STD LEVEL	CREDITS
Learnership Registration and Induction Session							
Module 1: Leadership Skills and Project Management:	14	1.1	13952	Demonstrate basic understanding of the Primary labour legislation that impacts on a business unit	Core	NQF Level 04	8
		1.2	120375	Participate in the estimation and preparation of cost budget for a project or sub project and monitor and control actual cost against budget	Core	NQF Level 04	6
Module 2: Effective Written Communication Skills	20	2.1	119457	Interpret and use information from texts	Bridging	NQF Level 03	5
		2.2	119465	Write/present/sign texts for a range of communicative contexts	Fundamental	NQF Level 03	5
		2.3	119459	Write/present/sign for a wide range of contexts	Fundamental	NQF Level 04	5
		2.4	119469	Read/view, analyse and respond to a variety of texts	Fundamental	NQF Level 04	5
Module 3: Communication for Occupational Learning	20	3.1	119472	Accommodate audience and context needs in oral/signed communication	Fundamental	NQF Level 03	5
		3.2	119471	Use language and communication in occupational learning programmes	Fundamental	NQF Level 04	5
		3.3	119467	Use language and communication in occupational learning programmes	Fundamental	NQF Level 03	5
		3.4	119462	Engage in sustained oral/signed communication and evaluate spoken/signed texts	Fundamental	NQF Level 04	5
Module 4: Mathematical and Statistical Skills	16	4.1	7468	Use mathematics to investigate and monitor the financial aspects of personal, business, national and international issues	Fundamental	NQF Level 04	6
		4.2	9015	Apply knowledge of statistics and probability to critically interrogate and effectively communicate findings on life related problems	Fundamental	NQF Level 04	6
		4.3	9016	Represent analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts	Fundamental	NQF Level 04	4
Module 5: OHS & Environmental legislation Implementation	25	5.1	123369	Implement environmental improvements to a site, facility, operation or process	Elective	NQF Level 04	16
		5.2	120366	Demonstrate understanding of the implementation of occupational health, safety and environmental legislation in the work place	Elective	NQF Level 04	9
Module 6: Production Scheduling and Operations Management	29	6.1	243025	Monitor machining process, interpret statistical process control charts, and rectify production problems	Core	NQF Level 03	7
		6.2	116284	Solve operational problems in a manufacturing / assembly context	Core	NQF Level 04	10
		6.3	116287	Schedule and monitor production	Core	NQF Level 04	12
Module 7: Productivity Co-ordination	24	7.1	14586	Monitor and control quality control practices in a manufacturing/engineering environment	Core	NQF Level 04	8
		7.2	114877	Formulate and implement an action plan to improve productivity within an organisational unit	Core	NQF Level 04	8
		7.3	114884	Co-ordinate the improvement of productivity within a functional unit	Core	NQF Level 04	8
Total Credits:							148

Contact Details



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