



Manufacturing, Engineering and Related Activities

NQF Level 1 - SAQA ID: 23253 (124 Credits)

 12 months  R 21 500 Ex 15% VAT per learner  Onsite (min of 10 delegates)

About this Learnership

This qualification specifies the key skills, knowledge and values required to access engineering and manufacturing qualifications in the Further Education and Training Band. It describes the learning outcomes required to participate in workplace-based learning programmes for occupationally focused qualifications in the manufacturing, engineering and assembly sectors.

It provides learners who have no formal qualification with an opportunity for assessment to recognise prior learning, identify gaps, and structure learning programmes to close those gaps. The learning required for these learners would be what is typically included in ABET learning programmes.

For learners who have formal school qualifications but no work experience, this qualification specifies the necessary knowledge, skills and values required to participate learning processes within a formal work environment. Typically, these outcomes reflect the learning outcomes that would be achieved at the end of an extensive induction and orientation process.

*Please note: This option is available as an RPL (Recognition of Prior Learning) Learnership.

What is needed before attending this learnership

- The credits for this qualification assume that learners have demonstrated communication and numeracy competency at ABET level 3.

Exit Level outcomes:

- Describe and explain a specific manufacturing, engineering or assembly process, relate the tools and materials to the process and explain the science and technology which underpins the conversion processes.
- Demonstrate in the process of assessment the use of appropriate numeracy and communication skills.
- Describe and explain, in the context of a specific workplace environment, the procedures and policies which govern that specific working environment.
- Describe and explain the purpose of a specific business.
- Describe and explain how the NQF enables the learner to select a learning path and identify the skills and qualifications that will enable him / her to achieve his / her goals and targets.

***Qualification Certificates are issued by MERSETA**

NB: It is the responsibility of the employer to complete and submit a learnership agreement to their relevant SETA for registration purposes. CBM Training will register the students on the National Learnership Database against the selected Qualification (Learnership).

Qualification Breakdown

	Unit Standard	Learning Unit /Module	NQF Level	Credits
Core	13159	Care for, select and use hand and measuring tools	1	4
Core	13995	Demonstrate an understanding of contracts and their sources	1	2
Core	13998	Demonstrate an understanding of the principles of supply and demand, and the concept: production	1	2
Core	13176	Describe and discuss basic issues relating to the nature of business, the stakeholders in a business and business profitability	1	3
Core	13169	Describe and discuss issues relating to HIV-AIDS, TB and sexually transmitted illnesses and their impact on the workplace	1	4
Core	13171	Describe and show how the NQF can help me to plan a learning and career pathway	1	5
Core	13165	Describe the properties of materials found in the workplace and describe their impact on the environment	1	6
Core	13162	Identify and describe inputs, outputs, stages and quality indicators of the manufacturing, assembly or engineering process	1	10
Core	13174	Identify and discuss inappropriate behaviours in the workplace	1	2
Core	12537	Identify personal values and ethics in the workplace	1	4
Core	13167	Identify potential hazards and critical safety issues in the workplace	1	2
Core	13996	Identify, discuss, describe and compare major economic systems, with emphasis on the South African economy	1	2
Core	13172	Understand the employer/employee relationship	1	3
Fundamental	7509	Apply basic concepts and principles in the natural sciences	1	5
Fundamental	7513	Assess the impact of scientific innovation on quality of life	1	2
Fundamental	7451	Collect, analyse, use and communicate numerical data	1	2
Fundamental	7508	Conduct an investigation in the natural science	1	4
Fundamental	7449	Critically analyse how mathematics is used in social, political and economic relations	1	2
Fundamental	7507	Demonstrate an understanding of the concept of science	1	2
Fundamental	7463	Describe and represent objects and the environment in terms of shape, space, time and motion	1	2
Fundamental	10229	Discuss development, utilisation and management of human and natural resources	1	4
Fundamental	12462	Engage in a range of speaking and listening interactions for a variety of purposes	1	6
Fundamental	12471	Explore and use a variety of strategies to learn (revised)	1	5



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Qualification Breakdown

	Unit Standard	Learning Unit /Module	NQF Level	Credits
Fundamental	12473	Identify and respond to selected literary texts	1	5
Fundamental	12469	Read and respond to a range of text types	1	6
Fundamental	13157	Read, interpret and understand information on a payslip	1	2
Fundamental	7489	Show, explain, discuss and analyse the relationship between society and natural environment	1	4
Fundamental	7461	Use maps to access and communicate information concerning routes, location and direction	1	1
Fundamental	7450	Work with measurement in a variety of contexts	1	2
Fundamental	7448	Work with patterns in various contexts	1	4
Fundamental	7447	Working with numbers in various contexts	1	6
Fundamental	12470	Write for a variety of different purposes	1	6
Elective	7452	Describe, represent and interpret mathematical models in different contexts	1	6
Elective	9357	Develop and use keyboard skills to enter text	1	4



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