

SKILLS PROGRAMME DOCUMENT

Skills Programme Title	Occupational Screening Spirometry				
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NQF Level	5	Credits	8	Duration in days	10 Days
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Skills Programme ID Number	SP- 211002				
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Skills Programme Status	Approved	Start Date	End Date	
		25/10/2021	25/10/2026	

Last date for enrolment	25/10/2027	Last date for achievement	25/10/2030
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SKILLS PROGRAMME DETAILS

Title	Occupational Screening Spirometry	
Sub Title	Workplace Spirometry Screening. 2.Spirometry in Medical Surveillance. 3.Occupation: Ancillary Health Care	
NQF Level	5	
Duration	10 Days	
Credits	8	
Quality Assuring Body	Quality Council for Trades and Occupations (QCTO)	
Skills Rationale	International health guidelines call for the routine use of screening spirometry in the workplace. To introduce or improve spirometry in African workplaces the course has been developed with the primary purpose of increasing knowledge, practice, awareness and access to high quality spirometry on the continent	
Related registered qualification/s	59257: Bachelor of Nursing 59236: National Diploma: Nursing Unit standards: 252125: Perform a spirometry screening test in an occupational setting	
Purpose	The purpose of the Skill Programme is to prepare a learner to operate as an Occupational Screening Spirometry. Occupational Screening Spirometry performs basic health screening in the workplace. At completion of the Skills Programme, a learner will be able to: <ul style="list-style-type: none"> • Perform spirometry equipment quality control task • Perform spirometry preparation and testing • Evaluate records and report spirometry test results 	
Content	<u>Knowledge component</u> <ul style="list-style-type: none"> • KM-01, Fundamentals of spirometry 	<u>Application component</u> <ul style="list-style-type: none"> • PM-01, Spirometry equipment quality control

	<ul style="list-style-type: none"> • KM-02, Respiratory system anatomy and physiology relevant to spirometry • KM-03, Quality assurance and quality control in spirometry • KM-04, Spirometry testing • KM-05, Evaluate a spirometry test validity • KM-06, Interpretation of the spirometry test result 	<ul style="list-style-type: none"> • PM-02, Spirometry testing • PM-03, Evaluate, record and report the spirometry test result
Minimum entry requirements	NQF Level 4.	
Exit Level Outcomes	Learners will be able to: <ul style="list-style-type: none"> • Perform spirometry equipment quality control tasks. • Perform spirometry preparation and testing. • Evaluate records and report spirometry test results.. 	
Assessment	<p>a) Continuous assessment</p> <ul style="list-style-type: none"> • Written Knowledge Task / Assignment 1 (10% of total content) • Written Knowledge Task / Assignment 2 (10% of total content) Each task to have minimum 60 marks • Written Knowledge Test 1 (40% of total content) • Written Knowledge Test 2 (40% of total content) Each test to have minimum of 120 marks • Practical task per practical topic covering all practical areas of the topic. • Practical skills to be performed and evaluated are thus 4. • Each practical skill task to have a minimum of 70 marks <p>b) Supervised Assessment</p> <ul style="list-style-type: none"> • Written Integrated Examination comprised of both knowledge and practical questions of a minimum 120 marks over 2 hours. • Minimum competency / pass mark to be obtained for tasks, tests, practical tasks and Examination is 60%. 	

<p>RPL</p>	<ul style="list-style-type: none"> • Learners will gain access to the skills programme through RPL for Access as provided for in the QCTO RPL Policy. RPL for access is conducted by an accredited institution, skills development provider or workplace accredited to offer that specific skills programme. • Learners who have already acquired competencies of modules of a skills programme will be exempted from modules through RPL. Such learners will be awarded credits towards the skills programme. • Learners who complete this skills programme will accumulate credits towards the relevant full or part qualification. The Credit Accumulation and Transfer (CAT) Policy shall apply to these learners
<p>Work Opportunities and further learning</p>	<p>People achieving this Skills Programme will be eligible to apply for positions as Spirometry Technicians. Typical workplace placements they can expect to approach or find employment in include but not limited to:</p> <ul style="list-style-type: none"> • Workplace clinics • Independent occupational health service providers including mobile units • Any research project involving spirometry • Primary health clinics providing spirometry services • Not for profit organisations providing screening spirometry testing • School health <p>If this skills program is achieved in conjunction with the certificates of competence in audiometric testing and vision screening testing in the workplace, the learner will be able to follow a career path in occupational health screen</p> <p>Further learning:</p> <ol style="list-style-type: none"> 1. 252098: Use communication skills to establish and maintain supportive relationships 2. 252082: Carry out a health assessment of an individual of any age group 3. 252112: Demonstrate knowledge of the anatomy and bio-physical functioning of the human body 4. 252113: Develop and apply strategies to cope with the emotional demands of nursing situations

	<ol style="list-style-type: none"> 5. 252107: Facilitate community stakeholder involvement in promoting and maintaining health.....??? 6. 252093: Implement and evaluate planned nursing care to achieve identified patient outcomes 7. 252093: Implement and evaluate planned nursing care to achieve identified patient outcomes 8. 252105: Lead and participate in team approaches to health care 9. 252092: Manage a community health intervention 10. 252125: Perform a spirometry screening test in an occupational setting 11. 252126: Perform an audiometric screening test in an occupational setting 12. 252080: Practice in accordance with ethical and legal codes of nursing and the laws of the country 13. 252102: Share information to promote effective decision making in health care 14. 252098: Use communication skills to establish and maintain supportive relationships <p>This skills program is a requirement for post graduate diploma in occupational health nursing (SAQA qualification ID 59236). If this skills program is achieved in conjunction with the certificates of competence in audiometric testing and vision screening testing in the work place, the learner will be able to follow a career path in occupational health screening testing.</p>
<p>Skills Development Provider Accreditation Requirements</p>	<p>Human Resource Requirements:</p> <ul style="list-style-type: none"> • Facilitator: relevant NQF Level 5 health related qualification with two-year experience in spirometry testing. • Facilitator to learner ratio of not more than 1:20 • Qualified Assessors and Moderators with subject-matter expertise at NQF Level 5. <p>Physical resource requirements:</p> <ul style="list-style-type: none"> • Spirometers and accessory equipment • Disposable mouth pieces and bacterial viral filters for testing • Learning material. • Learner assessment resources. • Properly equipped classroom that is OHS compliant. • Placement for practical tasks • Quality Management System <p>Legal & Safety Requirements:</p>

	<ul style="list-style-type: none">• Facilities for knowledge component conform to all operational and legal requirements.• Infection prevention measures as per latest international guidelines for spirometry testing.• Adherence to testing standards specifically ATS/ERS 2019 standardisation to spirometry update
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