



# EDUCATION AND TRAINING CENTRE

SAQA-MICT ACCREDITATION NUMBER: ACC/2010/09/781

Agri-SETA: AGRI/C prov/0785/17

Reg Name: SUCCESS CHRISTIAN TRAINING CENTRE  
2007/163160/23



## SHORT SKILLS PROGRAMMES

### Legal and Compliance Training

SAQA ID	Title	Level	Credits
116065	Safe handling of Chemicals	2	4
115186	Apply safety and health procedures (OHS- SHE rep)	2	6
116820	Operate a tractor	2	10
117082	Fire Fighting	1	2
264182	Operate a Brush Cutter	2	4
264195	Operate a Chainsaw	2	6

### PLANT PRODUCTION LEVEL 1

SAQA ID	Title	Level	Credits
<b>CHEMICAL UNIT STANDARDS</b>			
116204	Recognise pests, diseases and weeds on crops	Level 1	5
<b>Agricultural (Operational) UNIT STANDARDS</b>			
116156	Collect Agricultural Data	1	2
116157	Understand the basic concept of sustainable farming systems	1	4
116163	Handle inputs and stock in Agri-business	1	2
116166	Basic Food Safety	1	1
116172	Elementary farm lay-out and infrastructure	1	2
116200	Plant crop under supervision	1	4
116201	Harvesting	1	5
116205	Plant Propagation	1	4
116158	Apply basic agricultural enterprise selection principles	1	2
116199	Demonstrate a basic understanding of the structure and function of a plant in relation to its environment	1	4
116203	Manipulate plants	1	5
116167	Select, use and care for hand tools and basic equipment and infrastructure	1	4
<b>FERTILISER UNIT STANDARDS</b>			
116206	Fertilise soil and attend to basic plant nutrition	1	5
<b>ENVIROMENTAL UNIT STANDARDS</b>			
116157	Demonstrate an understanding of the basic concepts of sustainable farming systems	1	4
<b>WATER UNIT STANDARDS</b>			
116168	Maintain basic water quality	1	1
116202	Operate and maintain irrigation systems	1	2

### ENVIROMENTAL UNIT STANDARDS

116165	Define production and understand the basic activities of production / conversion in the agri-business environment	1	2
116169	Understand how sustainable farming systems conserve natural resources	1	4
<b>Business and Behavioral</b>			
116160	Apply basic human resource management principles and practices applicable in an agricultural environment	1	2
116164	Demonstrate an understanding of the importance of marketing	1	2
116159	Identify the need for capital and understand the need for the recording of the income and different costs in an agri-business	1	2
<b>ELECTIVES</b>			
116149	Understand organic market requirements	Level 1	3
116209	Demonstrate an understanding of agri/ecotourism as a system at micro level	Level 1	5
<b>CREDITS:</b>			<b>71</b>
<b>PLANT PRODUCTION LEVEL 2</b>			
<b>SAQA ID</b>	<b>Title</b>	<b>Level</b>	<b>Credits</b>
<b>CHEMICAL UNIT STANDARDS</b>			
116065	Safe handling of Chemicals	2	4
116125	Apply crop protection and animal health products effectively and responsibly	2	4
116124	Pest Control/Diseases/Weeds	2	2
<b>WATER UNIT STANDARDS</b>			
116066	Operate & maintain specific irrigation systems	2	3
116077	Water Quality	2	3
<b>ENVIROMENTAL UNIT STANDARDS</b>			
116069	Agri Ecotourism	2	4
116121	Apply sustainable farming practices to conserve the ecological environment	2	5
13356	Assess the influence of the environment on sustainable livestock production	1	4
116127	Apply layout principles for conservation and infrastructure	2	5
<b>PLANT PROPEGATION UNIT STANDARDS</b>			
116128	Apply plant manipulation methods	2	4
116122	Control inputs and stock in agribusiness	2	2
116119	Demonstrate an understanding of plant propagation	2	3
116111	Harvest agricultural crops: Procedures	2	4
116079	Monitor the establishment of a crop	2	4
116057	Understand the structure and functions of a plant	2	5
116060	Utilise and perform minor repair and maintenance tasks on implements, equipment and infrastructure	2	5
<b>Business and Behavioral</b>			
116126	Apply marketing principles in agriculture	2	2
116115	Define and understand production systems and production management	2	2
116113	Explain principles of human resources management and practices in agriculture	2	2
116081	Identify and recognise factors influencing agricultural enterprise selection	2	2

FERTILISER UNIT STANDARDS			
116053	Understand basic soil fertility and plant nutrition	Level 2	5
QMS AND FOOD SAFETY			
116070	Operate and support a food safety and quality management system in the agricultural supply chain	Level 2	2
			<b>CREDITS:</b>
			<b>76</b>
PLANT PRODUCTION LEVEL 3 (49052)			
SAQA ID	Title	Level	Credits
CHEMICAL UNIT STANDARDS			
116125	Apply crop protection and animal health products effectively and responsibly	2	4
116265	Monitor pests, diseases and weeds on crops	3	2
FERTILISER UNIT STANDARDS			
116267	Manage soil fertility and plant nutrition	3	5
WATER UNIT STANDARDS			
116212	Maintain water quality parameters	Level 3	2
116266	Monitor the operation and maintenance of irrigation systems	Level 3	3
116274	Assist in farm planning and layout for conservation and rainwater harvesting	Level 3	3
QMS AND FOOD SAFETY			
116271	Monitor & supervise a food safety & quality management system in the agricultural supply chain	3	3
Business and Behavioral			
116257	Explain human resource policies and procedures	3	3
116259	Explain application of marketing principles within an alternative and dynamic agricultural marketing environment	3	3
116237	Explain costing and the viability of an agri-business	3	3
PLANT PROPEGATION UNIT STANDARDS			
116275	Apply routine maintenance and servicing plans and procedures	Level 3	3
116272	Demonstrate a basic understanding of the physiological functioning of the anatomical structures of the plant	Level 3	4
116240	Explain store inputs categories, labeling and storage methods	Level 3	3
116218	Explain the planning and scheduling of tasks in a production environment	Level 3	3
116220	Explain the propagation of plants	Level 3	4
116214	Interpret factors influencing agricultural enterprises and plan accordingly	Level 3	3
116268	Monitor and co-ordinate the harvesting of agricultural products	Level 3	4
116263	Monitor natural resource management practices	Level 3	4
116264	Monitor plant manipulation	Level 3	3
ELECTIVES			
116258	Communicate agri/ecotourism principles and concepts effectively and adapt to needs	Level 3	5
116221	Identify and apply permaculture principles	Level 4	5
116261	Introduction to organic certification and internal control systems	Level 3	4
			<b>CREDITS:</b>
			<b>76</b>

## PLANT PRODUCTION LEVEL 4

SAQA ID	Title	Level	Credits
<b>CHEMICAL UNIT STANDARDS</b>			
116301	Apply effective and responsible integrated pest, disease and weed control	4	3
116321	Procure and manage agricultural input	4	3
<b>FERTILISER UNIT STANDARDS</b>			
116311	Implement soil fertility and plant nutrition practices	4	3
<b>Business and Behavioral</b>			
116302	Assume co-responsibility and participation in human resource management	4	3
116303	Implement a natural resource management plan	4	3
<b>PLANT PROPEGATION UNIT STANDARDS</b>			
116295	Demonstrate a basic understanding of the physiological processes in plant growth and development	4	3
116297	Develop a harvesting plan for the specific agricultural crop	4	3
116316	Propagate plants in a variety of situations	4	3
116290	Establish a plan for the monitoring, safe use and maintenance of equipment implements, technology and infrastructure	4	3
116293	Evaluate, adjust and implement factors influencing agricultural enterprises	4	3
116309	Implement integrated farm layout and site selection	4	3
<b>WATER UNIT STANDARDS</b>			
116322	Manage water quality parameters	4	3
116317	Schedule the operation and maintenance of irrigation systems	4	3
<b>QMS AND FOOD SAFETY</b>			
116288	Execute sustainable resource use and quality control	4	3
116278	Implement a food safety and quality management system in the agricultural supply chain	4	3
<b>ENVIROMENTAL UNIT STANDARDS</b>			
116303	Implement a natural resource management plan	4	3
116315	Recognise agri/ecotourism within the strategic environment	4	5
116279	Implement a permaculture site design	4	7
116261	Introduction to organic certification and internal control systems	3	4
<b>CREDITS:</b>			<b>64</b>

## FRUIT PACKING AND GRADING (48848)

SAQA ID	Title	Level	Credits
<b>Packhouse (Operational) UNIT STANDARDS</b>			
115176	Explain the cold chain process	2	4
115193	Grade fruit	2	5
115178	Pack fruit	2	5
115179	Palletise fruit	2	4
115200	Dispatch final product	3	8
115195	Monitor fruit treatment process	3	8
115202	Operate fruit packing line machine	3	10

115180	Operate fruit sizing machine	3	8
115201	Receive fruit	3	5
115197	Store fruit	3	8
115188	Apply environmental protection procedures	2	4
115181	Apply hygiene procedures	2	4
115177	Pre-sort fruit	2	3
8000	Apply basic business principles	3	9
115182	Operate carton assembly machinery	3	8
115191	Perform quality tests on fruit	3	8

#### HEALTH AND SAETY (OHS) UNIT STANDARDS

115186	Apply safety and health procedures (OHS- SHE rep)	2	6
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#### Business and Behavioral

10135	Work as a Project Team member	3	8
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**CREDITS: 115**

### Learnerships

Qualification Code	Title	Level	Credits
48970	National Certificate: Animal production	1	120
48976	National Certificate: Animal production	2	120
49048	National Certificate: Animal production	3	120
48848	National Certificate: Fruit Packing and Grading Processes	3	120
48972	National Certificate: Plant Production	1	120
48975	National Certificate: Plant Production	2	120
49052	National Certificate: Plant Production	3	120
49052	National Certificate: Plant Production	2	120
49582	National Certificate: Poultry production	2	133