



EKUKHANYENI
RELIEF PROJECT

NURTURE.TOMORROW.TOGETHER

Agriculture/
Permaculture
Design

Food & Nutrition Security &
Early Childhood Development

NPC 2005/035291/08 PBO 930026782

Ekukhanyeni.org

Agriculture/ Permaculture **Design**

Our 12 Day AgriSETA accredited short skills course in Permaculture Design is geared towards shifting perceptions around food, expanding awareness, and empowering participants with practical skills to establish and maintain their own food gardens, to grow in ecologically friendly and sustainable ways and to make healthier eating choices.



Who should participate?

Basic knowledge of agriculture and permaculture is useful but not essential. The training is useful for anyone interested in growing organic food for themselves, friends, families and communities:

Household members; Members of farming co-operatives or associations; Farmers planning conversion to organic, conservation or climate-smart agriculture; NGO workers promoting Permaculture, organic farming, or conservation agriculture; Early Childhood Development Centre practitioners looking to provide a sustainable and healthy eating choice for the children in their care; School Educators interested in providing a sustainable and healthy eating choice for their learners.

Our training team

Our training is offered conducted by our team of community beneficiaries who have been capacitated through various skills development initiatives to SETA accredited Facilitator & Assessor level.



What will participants learn? /

Unit Standard Title: Identify & Explain Permaculture Principles
Unit Standard ID: 116150
NQF Level 1 | 8 credits

Specific Outcome 1: Site elements & resources are identified and listed

- What is Permaculture design?
- Why do we use Permaculture?
- Permaculture principles
- Stakeholders-analysis
- Observation stage or information gathering phase
- Base map
- Highest points and lowest points
- A-frame
- Zones and sectors
- Water harvesting and conservation
- Making swales and garden beds
- Alternative and natural resources for cooking

Specific Outcome 2: Understanding Abiotic & Biotic resources & complementing technologies

- Abiotic & Biotic resources
- Role of bees
- Basic solar technology
- Wind harvesting techniques
- Soil types & testing
- Soil fertility technologies and soil management
- Pioneer and indigenous plant systems
- Compost heaps
- Earthworm farming
- Mulching
- Companion planting
- Intercropping
- Planting and spacing
- Liquid Manure
- Green Manure
- Organic pest repellent sprays
- Water pollution
- Invasive plants
- Planting calendar and harvesting tips
- Crop rotations
- Succession planting
- Container gardening
- Seed saving and seed preparations

Specific Outcome 3: Recognizing ecological processes and cycles

- Nitrogen cycle
- Water cycle
- Oxygen cycle
- Energy flow & food webs
- Natural patterns

Specific Outcome 4: Sustainable living practices

- South Africa & global economic trade systems
- Technology & environmental impacts
- Alternative settlement structures -Eco-villages
- Alternative building techniques
- Grey water systems in urban gardens
- Biogas & sustainable living
- Local cooperatives & trading networks





EKUKHANYENI
RELIEF PROJECT

Contact Us



Board of Directors

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Registration

Non-Profit Company
(NPC):
2005/035291/08

Public Benefit Organisation
(PBO):
930026782

AgriSETA Number:
AGRI/c prov/0403/12
ETDP SETA Number:
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