**MAGNA SKILLS DEVELOPMENT INSTITUTE**

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

**Environmental, Urban and Regional Planning**

# Drought and Food Security Management

Prepared as a professional course profile for delegate review, sponsorship approval and organisational training planning.

| COURSE CODE | DELIVERY | DURATION | PREPARED FOR |
|---|---|---|---|
| **MSD2623** | **Online / Face-to-Face** | **Flexible** | **Organisation Approval** |

**Register for this Course** **View Online Course Page**

## Course Overview

Magna Skills presents the Drought and Food Security Management course, designed for professionals and stakeholders involved in agriculture, disaster management, and food security planning. This course aims to equip participants with the knowledge and skills necessary to understand the impact of drought on food security, implement effective drought management strategies, and develop resilience in agricultural systems to mitigate the effects of drought on food production and livelihoods.

## Course Outcomes

Upon completion of the course, participants will:

1. **Understand Drought and its Impacts:**
   - Gain insights into the causes, characteristics, and impacts of drought on agriculture and food security.
   - Understand the linkages between drought, food insecurity, and vulnerability in agricultural systems.
2.

**Implement Drought Management Strategies:**

- Learn about drought monitoring, early warning systems, and preparedness measures for drought mitigation.
- Understand drought response mechanisms and emergency interventions to address food insecurity during drought periods.

3. **Develop Resilience in Agricultural Systems:**
   - Explore strategies for building resilience in agricultural systems to cope with drought and climate variability.
   - Learn about drought-resistant crops, water-saving techniques, and sustainable agricultural practices.
4. **Promote Food Security and Sustainable Development:**
   - Understand the role of food security policies, programs, and interventions in addressing drought and food insecurity.
   - Explore sustainable development approaches to promote food security and resilience in drought-prone regions.
5. **Enhance Community Engagement and Participation:**
   - Learn how to engage communities and stakeholders in drought management and food security initiatives.
   - Understand the importance of participatory approaches and community-based strategies in building resilience.

## Course Outline / Curriculum

**Module 1: Understanding Drought and Food Insecurity**

- Definition and characteristics of drought
- Impacts of drought on agriculture and food security

**Module 2: Drought Monitoring and Early Warning Systems**

- Drought monitoring techniques and indicators
- Development of early warning systems for drought

**Module 3: Drought Preparedness and Response**

- Preparedness measures for drought mitigation
- Emergency response mechanisms for addressing food insecurity during drought

**Module 4: Building Resilience in Agricultural Systems**

- Strategies for building resilience in agriculture to cope with drought
- Drought-resistant crops, water management techniques, and soil conservation practices

**Module 5: Sustainable Agriculture and Water Management**

- Sustainable agricultural practices for drought mitigation
- Water-saving techniques and efficient irrigation methods

**Module 6: Food Security Policies and Programs**

- Role of food security policies in addressing drought and food insecurity
- Government interventions and programs to promote food security

**Module 7: Community Engagement and Participation**

- Importance of community engagement in drought management
- Participatory approaches to building resilience and promoting food security

**Module 8: Climate Change Adaptation and Mitigation**

- Climate change adaptation strategies for drought-prone regions
- Mitigation measures to reduce the impact of climate change on agriculture

**Module 9: Case Studies and Best Practices** - Analysis of real-world case studies in drought management and food security - Best practices and lessons learned in addressing drought and food insecurity

**Module 10: Developing Drought Management Plans** - Developing comprehensive drought management plans for agricultural systems - Integration of drought management strategies into national and regional development plans

This course is suitable for agricultural extension officers, disaster management professionals, policymakers, researchers, and practitioners involved in drought management and food security planning. Through a combination of theoretical knowledge, case studies, and interactive discussions, participants will gain the skills and expertise needed to effectively manage drought, enhance food security, and promote resilience in agricultural systems.

## Target Audience

The short-term courses are designed to impart technical skills and provide field based and practical exposure to the target trainees, normally drawn from government and NGO institutions in the relevant fields

## Key Course Benefits

**Work-Ready Skills**

Delegates leave with practical tools, templates and methods they can apply immediately at work.

**Better Institutional Results**

The programme supports stronger planning, reporting, compliance, accountability and service delivery.

**Sponsor-Friendly**

This document is designed to help supervisors, HR units and sponsors approve delegate participation quickly.

**Professional Recognition**

Delegates receive training documentation and a certificate of completion after successful participation.

## Our Training Centres & Delivery Options

Magna Skills offers flexible delivery through face-to-face training centres across Africa and beyond, plus Online / E-Learning for delegates who prefer remote participation.

### Southern Africa

Practical training destinations with strong travel access and delegate support.

- Pretoria, South Africa
- Vic Falls, Zimbabwe
- Livingstone, Zambia

### East Africa

Popular regional centres for government, NGO and donor-funded project teams.

- Kigali, Rwanda
- Kampala, Uganda
- Nairob
- Zanzibar, Tanzania

### West Africa & Islands

Strategic locations for regional networking and executive capacity building.

- Accra, Ghana
- Port Louis, Mauritius

### International Executive Venue

Premium destination training for senior teams and international delegates.

- Dubai, United Arab Emirates

### Online / E-Learning

Attend from anywhere through live online, blended or self-paced learning options.

- Online, E-Learning
- Remote Teams
- Flexib

### Organisation-Based Training

Magna Skills can also arrange dedicated in-house training for ministries, NGOs and companies.

- Onsite
- Custom Dates
- Group Training

## Ready to Nominate Delegates?

Use the links below to register, review the live course page or contact Magna Skills for organisation-based training support.

**Register / Apply Online** | **View Full Course Page**

## About Magna Skills

Magna Skills Development Institute provides practical capacity building programmes for government departments, NGOs, public institutions, donor-funded projects and private sector professionals across Africa. Our training approach combines expert facilitation, real workplace case studies, practical tools, post-training support and professional documentation that helps organisations strengthen staff performance and service delivery.

Government Training | NGO Capacity Building | Corporate Workshops | Online Learning | Face-to-Face Training | Certifica

## Approval & Authorisation Form

This section may be completed by the organisation, department, HR office, finance office or sponsor approving delegate participation. It can be attached to an internal memo, procurement request or training approval submission.

| | |
|---|---|
| **Organisation / Department** | |
| **Delegate Name(s)** | |
| **Approved Course** | Drought and Food Security Management |
| **Preferred Delivery Mode** | ☐ Online ☐ Face-to-Face ☐ Organisation-Based Training |
| **Preferred Training Venue /Date** | |
| **Estimated Number ofDelegates** | |
| **Budget / Vote Number** | |
| **Contact Person** | |
| **Email / Mobile** | |

| Authorised Name | Signature / Stamp | Date |
|---|---|---|