MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

Workplace Essentials

Civil Engineering

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

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD3004	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

Whether you are new to civil engineering or are ready to advance your engineering skills, the courses below are designed to teach students about the role of civil engineering in modern society and the principles and laws that contribute to the field

This course is intended to teach you the conceptual things that check your logical reasoning capacity. It will polish your knowledge regarding some of the basic questions on civil engineering. This course is intended for civil engineering students who are about to complete their engineering course and the fresh civil engineering graduates who are about to seek a job. This course will keep on expanding as I will keep on adding the lectures.

Course Outcomes

- Contractual process, site works, site handling, concrete works, rebar works etc.
- Structure knowledge and working at site.
- They will be able to understand how the steel structures are designed.
- Project Management
- They will be able to calculate Dead Load, Product Loads, Thermal Loads and Wind Loads as per ASCE 07-10
- Valuable Resources that they can use in their Regular Design Calculations

Course Outline / Curriculum

- Orientation module
  - Welcome to your Online Campus
- Module 1
  - Introduction to the South African construction industry
- Module 2
  - Compliance, contracts, and regulation
- Module 3
  - Implementing health and safety, and environmental management
- Module 4
  - Tendering for construction work
- Module 5
  - Pricing the project
- Module 6
  - Planning the project
- Module 7
  - Protecting the cash flow

- Module 8
  - Quality management

Target Audience

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	Civil Engineering
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