

**Project Management**

# Project Management for Engineers

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

COURSE CODE

**MSD2553**

DELIVERY

**Online / Face-to-Face**

DURATION

**Flexible**

PREPARED FOR

**Organisation Approval**[Register for this Course](#)[View Online Course Page](#)

## Course Overview

The Advanced Project Management Programme (APM) equips managers with principles and the know-how of completing projects on time, within budget and while meeting expectations. The six modules offer a practical, step-by-step approach to managing a project over its entire lifecycle – from inception to close out.

The APM is designed for current and prospective middle managers as well as investors and developers in all industries

## Course Outcomes

- Problem solving and decision making that can improve the effectiveness of individuals and organisations
- Understanding of the value chain management process in an organisation and to demonstrate the interactive relationships among marketing, operations and purchasing
- Wider perspective of marketing decisions, including the close interface with other business functions and overall business strategy
- Understanding of, and insight into, the dynamics related to planning, attracting, utilising, developing and leading employees in local and international organisations
- Understand social, political and environmental aspects of feasibility analyses
- Ensure that certain aspects of the labour law are complied with
- Understanding of the principles of project management and the interrelationships of human resources, budgeting, contracts, negotiation, decision making and systems on managing a project



# Course Outline / Curriculum

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## **Project planning and control**

- Work breakdown structure
- Project planning
- Project scheduling
- Project budgeting
- Control projects
- Control risk management
- Principles of project control

## **Supply chain management and marketing**

- Management of a supply base
- Relationship between the supply chain and marketing management
- Understanding the intricacies of marketing management
- Principles of productivity management in supply chain management

## **Managing and leading human resources**

- Strategic human resource management
- Diversity in the workplace
- Management and deployment of human resources through participation processes
- Managing employee performance from a strategic perspective and applying it in project management
- Managing and developing human resources both locally and internationally
- Identify opportunities for change and transformation and the negotiation and implementation thereof

## **Project budgeting and finance**

- Feasibility of projects
- The cost of projects
- Cost estimations for projects
- Project cost control
- Financial aspects of tenders and quotes

## **Labour law and contracts**

- Basic principles of the law of contract
- Basic principles of negotiation and alternative dispute resolution
- Principles underlying mediation and arbitration as well as the hybrid processes of alternative dispute resolution
- The Employment Equity Act
- The Basic Conditions of Employment Act
- The Labour Relations Act

Occupational Health and Safety, Compensation for Occupational Injury and Diseases Act, and the Unemployment Insurance Act

### **Integrated project management**

- Project management as integrated management system
- The role of the project manager
- Project planning
- Project control

## **Target Audience**

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- Programme and project managers in the private and public sector
- Practitioners who would like to gain a better understanding of project management
- Employees who wish to improve their marketability in the market and strengthen their knowledge

## **Key Course Benefits**

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### **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

Nairobi, Kenya

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

Flexibility

### 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.

<b>Organisation / Department</b>	
<b>Delegate Name(s)</b>	
<b>Approved Course</b>	Project Management for Engineers
<b>Preferred Delivery Mode</b>	<input type="checkbox"/> Online <input type="checkbox"/> Face-to-Face <input type="checkbox"/> Organisation-Based Training
<b>Preferred Training Venue / Date</b>	
<b>Estimated Number of Delegates</b>	
<b>Budget / Vote Number</b>	
<b>Contact Person</b>	
<b>Email / Mobile</b>	

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Authorised Name

\_\_\_\_\_  
Signature / Stamp

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Date