

Project Management for Engineers Course Details

Department: Project Management

Presented by Magna Skills Development Institute

Date Created: 15-May-2025

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Course Summary

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 Objectives

- 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

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

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Company Overview

Who We Are: Magna Skills is a premier training and capacity-building organization specializing in professional development for government institutions, NGOs, and the private sector.

Our Mission: To provide world-class training solutions that equip professionals with the expertise needed to excel in their careers and contribute meaningfully to their organizations.

Our Vision: To be the leading provider of professional training and development across Africa, fostering excellence, innovation, and capacity-building in public and private sectors.

Core Values

- **Excellence** – Delivering high-quality training tailored to meet the evolving needs of professionals.
- **Integrity** – Upholding the highest ethical standards in all our engagements.
- **Innovation** – Embracing new technologies and methodologies to enhance learning experiences.
- **Customer-Centric Approach** – Ensuring client satisfaction by providing relevant, practical, and impactful training.
- **Collaboration** – Partnering with industry experts and institutions to provide the best learning opportunities.

Our Training Methodology

We use a blended learning approach that includes instructor-led training, case studies, workshops, and post-training support.

Why Choose Magna Skills?

- Experienced Trainers
- Customized Training Solutions
- Interactive Learning
- Global Recognition
- Proven Track Record

Request for Training Form

Complete the form and share with Magna Skills Support Team on email info@magnaskills.com or Send Whatsapp on: +27630079022

Approval & Authorization	
Applicant Details	Course Details
First Name:	Course Name:
Last Name:	Training Venue:
Mobile:	Month:
Email:	Training Method: Online[____] Face to Face [____]
Company Name:	Duration:
Country:	Number of Staff Members:

By signing this agreement, both parties confirm their commitment to the terms outlined in this proposal.