

**ICT and Security Management**

# Information Technology Management

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

COURSE CODE

**MSDI**

DELIVERY

**Online / Face-to-Face**

DURATION

**Flexible**

PREPARED FOR

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

## Course Overview

The Information Technology Management course offered by Magna Skills is a comprehensive program designed to equip participants with the knowledge and skills necessary to effectively manage IT resources and systems within organizations. Over a period of three months, participants will explore various crucial aspects of IT management, including digital marketing, artificial intelligence, cybersecurity, database management, and web development.

Throughout the course, participants will gain a deep understanding of IT management principles and practices, learning how to align IT strategies with business objectives and effectively utilize digital marketing strategies to enhance business performance. They will also explore the applications of artificial intelligence in IT management, understanding its potential for driving innovation and improving decision-making processes. Additionally, participants will develop essential skills in managing cybersecurity risks, designing and optimizing database systems, and creating user-friendly web applications.

## Course Outcomes

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- Gain a comprehensive understanding of IT management principles and practices.
- Explore the role of digital marketing in IT management and its impact on business performance.
- Understand the fundamentals of artificial intelligence and its applications in IT management.
- Develop knowledge and skills in managing cybersecurity in IT environments.
- Learn the essentials of database management and optimization.
- Acquire basic web development skills for effective IT management.

# Course Outline / Curriculum

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## **Module 1: Introduction to Information Technology Management**

- Understanding the role of IT in organizations
- Overview of IT management principles and practices
- Importance of aligning IT with business objectives
- IT governance and strategic planning

## **Module 2: Digital Marketing in IT Management**

- Introduction to digital marketing and its relevance in IT management
- Utilizing digital marketing strategies to enhance business performance
- Social media marketing and online advertising
- Data analytics and its application in digital marketing

## **Module 3: Artificial Intelligence in IT Management**

- Introduction to artificial intelligence (AI) and its impact on IT management
- Applications of AI in various IT domains
- Implementing AI-driven solutions for enhanced decision-making
- Ethical considerations and challenges of AI in IT management

## **Module 4: Cyber Security in IT Management**

- Understanding the importance of cybersecurity in IT management
- Identifying common cyber threats and vulnerabilities
- Implementing security measures and best practices
- Incident response and recovery planning

## **Module 5: Database Management in IT Management**

- Introduction to database management systems (DBMS)
- Designing and implementing efficient database structures
- Data integration, migration, and normalization
- Database security and performance optimization

## **Module 6: Web Development in IT Management**

- Fundamentals of web development technologies
- HTML, CSS, and JavaScript for web application development
- Responsive design and user experience considerations
- Content management systems (CMS) and website maintenance

## Target Audience

Financial institutions; Government agencies; Internet providers; Software developers; System administrators; Network Administrators; Technical Support Specialists; Software/Hardware Developers; Engineers and Office Specialists; Network administrators and other small to large businesses

## 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 Nairobi

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 Flexit

### 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>	Information Technology Management
<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 ofDelegates</b>	
<b>Budget / Vote Number</b>	
<b>Contact Person</b>	
<b>Email / Mobile</b>	

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Authorised Name

Signature / Stamp

Date

Prepared by Magna Skills Development Institute | Training Coordinator: Denis Wunganayi

Register: <https://www.magnaskills.com/applyadd?c=3035> | Course Page: <https://www.magnaskills.com/course/3035> | WhatsApp: +27 63 007 9022

This document is intended to support course review, sponsorship approval, delegate nomination and organisational training planning.