MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

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Course Profile Document

ICT and Security Management

Advanced Management Information Systems

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

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2639	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

Magna Skills presents the Advanced Management Information Systems (MIS) course, designed for professionals and managers seeking to enhance their understanding and application of information systems in organizational management. This course delves into advanced topics in MIS, including data analytics, decision support systems, enterprise resource planning, and information technology governance, providing participants with the knowledge and skills needed to leverage information systems for strategic decision-making and organizational performance improvement.

Course Outcomes

Upon completion of the course, participants will:

1. **Understand Strategic Information Systems Planning:**
   - Gain insights into the role of information systems in supporting organizational strategy.
   - Learn how to align information systems with business goals and objectives.
2.

Master Cybersecurity and Information Assurance:

- Develop a comprehensive understanding of cybersecurity principles and best practices.
- Learn how to implement information assurance measures to protect organizational data.

3. **Analyze and Interpret Data:**
   - Develop skills in data analytics and business intelligence.
   - Understand how to use data to make informed business decisions.
4. **Explore Emerging Technologies:**
   - Stay current with emerging technologies and their impact on information systems.
   - Explore the potential applications of technologies such as artificial intelligence and blockchain.
5. **Enhance IT Governance and Risk Management:**
   - Understand IT governance frameworks and practices.
   - Develop strategies for managing IT risks and ensuring compliance.

Course Outline / Curriculum

Module 1: Strategic Information Systems Planning

- Role of information systems in organizational strategy
- Strategic alignment of information systems with business objectives

Module 2: Cybersecurity and Information Assurance

- Principles of cybersecurity and information assurance
- Implementation of security measures to protect organizational data

Module 3: Data Analytics and Business Intelligence

- Fundamentals of data analytics and interpretation
- Use of data for business decision-making and strategic insights

Module 4: Emerging Technologies in Information Systems

- Overview of emerging technologies such as AI, IoT, and blockchain
- Potential applications and impact on information systems

Module 5: IT Governance Frameworks

- Introduction to IT governance principles and frameworks
- Best practices for ensuring effective IT governance

Module 6: IT Risk Management

- Identification and assessment of IT risks
- Strategies for managing IT risks and ensuring compliance

Module 7: Cloud Computing and Virtualization

- Fundamentals of cloud computing and virtualization
- Adoption and implementation of cloud-based information systems

Module 8: Enterprise Resource Planning (ERP) Systems

- Role and implementation of ERP systems
- Integration of ERP systems with organizational processes

Module 9: Mobile and Social Media Technologies - Impact of mobile and social media technologies on information systems - Strategies for leveraging mobile and social media for organizational success

Module 10: Case Studies and Best Practices - Analysis of real-world cases in advanced management information systems - Best practices and lessons learned in managing complex information systems

This course is suitable for IT professionals, managers, and executives involved in the strategic management of information systems. Through a combination of theoretical knowledge, practical applications, and case studies, participants will gain the advanced skills and insights needed to navigate the complexities of modern information systems and contribute to the strategic success of their organizations

Target Audience

This course is very useful for the delegates of computer science, engineering, business administration, management, science, commerce and arts where an introductory course on Management Information System

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	Advanced Management Information Systems
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