MAGNA SKILLS DEVELOPMENT INSTITUTE

Capacity Building • Professional Training • Organisational Development

Generated: 06-Nov-2026

Course Profile Document

Accounting, Finance and Budgeting

Computer Auditing and Internal Controls

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

COURSE CODE	DELIVERY	DURATION	PREPARED FOR
MSD2589	**Online / Face-to-Face**	**Flexible**	**Organisation Approval**

Register for this Course

View Online Course Page

Course Overview

Internal controls form a complex system that involves the collaboration of the board of directors, the audit committee, internal and external auditors, risk management personnel, investigators, operations personnel and others. This course will explore the key roles in preventive controls and essential components of internal control, inherent limitations of internal controls and much more.

The aim of this article is to help delegates improve their understanding of this topic by giving practical illustrations of computer-based controls and computer-assisted techniques

Course Outcomes

- Outline key functions in preventive controls
- Identify essential elements of an effective internal control system
- Categorize major fraud schemes
- Illustrate a fraud risk assessment
- Discuss organizational preventive controls
- Use controls to prevent specific fraud schemes
- Evaluate preventive controls and corrective deficiencies
- Express limitations of internal controls

Course Outline / Curriculum

Auditing IT Governance Controls

- IT Governance
- IT Function and Structure
- The Computer Center
- Disaster Recovery Planning
- Outsourcing

Auditing Data Base Systems

- Data Management Approaches
- Key Elements of the Database Environment
- Databases in a Distributed Environment
- Controlling and Auditing Data Management Systems

Systems Development and Program Change Activities

- Participants in Systems Development
- Information Systems Acquisition
- The Systems Development Life Cycle
- Controlling and Auditing the SDLC

Transaction Processing and Financial Reporting Systems Overview

- Overview of Transaction Processing
- Documentation Techniques
- Computer-based Accounting Systems
- Data Coding Schemes
- The General Ledger System
- The Financial Reporting System
- Controlling the FRS

Auditing the Revenue Cycle and the Expenditure Cycle (emphasizing the technologies and risks)

- Revenue Cycle Activities and Technologies
- Revenue Cycle Audit Objectives, Controls, and Tests of Controls
- Substantive Tests of Revenue Cycle Accounts
- Expenditure Cycle Activities and Technologies
- Expenditure Cycle Audit Objectives, Controls, and Tests of Controls
- Substantive Tests of Expenditure Cycle Accounts

Enterprise Resource Planning Systems

- ERP configurations
- Data Warehousing
- Associated Risks
- Implications for Internal Control and Auditing
- Cloud Computing

Business Ethics, Fraud and Fraud Detection

- ISACA Code of Ethics
- Ethical Issues
- Fraud and Accountants
- Auditor’s Responsibility for Detecting Fraud
- Fraud Detection Techniques

Target Audience

- People working in the field of IT auditing without any formal academic training in IT auditing.
- People who want to refresh their skills in the field of IT auditing.
- People who are interested in obtaining the skills to conduct an IT audit.

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
- 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	Computer Auditing and Internal Controls
Preferred Delivery Mode	☐ Online ☐ Face-to-Face ☐ Organisation-Based Training
Preferred Training Venue / Date	
Estimated Number of Delegates	
Budget / Vote Number	
Contact Person	
Email / Mobile	

Authorised Name _____ Signature / Stamp _____ Date _____