

Certified Information Technology Manager (CITM)

A Management-Focused Training Program

Duration: 5 Days | 8-Hour Sessions Daily

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Day 1 | Foundations of IT & Information

Module 1: Foundation

- Overview of Information Technology in the Workplace
- Contributions of Information Technology to the Workplace
- The Challenge of Change
- Six Major Trends and Implications for Management

Module 2: Understanding and Interpreting Information

- What is Information?
- Interpreting Information
- Characteristics of Information
- From Information to Knowledge
- Decision Making

Day 2 | Frameworks & Strategy

Module 3: Business Frameworks and Information Technology

- Frameworks for Information Technology
- A Framework Based on IT
- The Basics of Information Systems

Module 4: Corporate IT Strategy

- Modern Organizations
- Organizational Flexibility
- Strategic Issues of Information Technology

Day 3 | Control & Global Context

Module 5: Management Control of Information

- Management Control
- Information and Control
- Management Issues and Security Issues

Module 6: Information Technology and Globalization

- The Impact of Globalization on Business
- International Business Strategies
- Managing Information Technology Internationally
- Transnational Virtual Firms and IT

Day 4 | Software, Databases & Data Management

Module 7: Understanding Software and Database Technologies

- Managerial Concerns
- Programming Languages
- The Operating System
- Mobile Technologies

Module 8: Database Management

- File Elements
- Database Management Systems (DBMSs)
- Databases in Systems Design

Day 5 | Systems Design

Module 9: Building Information Systems

- The Design Task
- A Systems Design Life Cycle
- User-Oriented Design
- Structured vs Object-Oriented Design

Module 10: Systems Design – The Early Stages

- Systems Analysis
- Survey and Feasibility Study
- Identifying System Alternatives
- Undertaking Systems Design