



Institute for Capacity Development (ICD)

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Management Information Systems and Data Management

Course Objectives

Upon completion of the programme participants should be able to:

- Develop the knowledge and skills for effective systems analysis,
- provide an understanding of the traditional systems development life cycle methodology
- Examine the management challenges of such technologies and implications for the organization;
- Increase use of IS to create new information products
- Increase integration of state-of-the-art technologies, such as virtual reality and data mining, into business strategies and operations

Target Group

- Senior managers
- Accountants
- Human resources Managers
- IT administrators and Technicians

Course Outline

- Management principles
- Business Information Systems
- Strategic Uses of Information Systems
- Information Systems in Business Functions
- Information Technology in Business: Hardware
- Information Systems in Business: Software
- Information Technology in Business: Telecommunications and Networks
- E-Commerce: The Internet, Intranets, and Extranets
- Data and Knowledge Management
- Managers and Their Information Needs
- EDI, Supply Chain Management, and Global Information Systems
- Decision Support and Geographic Information Systems
- Artificial Intelligence and Expert Systems
- Planning Information Systems

- Systems Development
- Management Information Systems
- Business Process Reengineering
- Information Technology Policy
- Management Systems Research
- Database Practice and Experience
- Advanced Information Systems Development
- Communications Systems and Internet Management
- Database Management
- Action planning

Dates: 04th – 15th December 2017

Cost: US\$3550

Duration: 2 weeks

Venue: Pretoria, RSA