



DEMONSTRATE AN UNDERSTANDING OF COMPUTER DATABASE MANAGEMENT SYSTEMS

Unit Standard: 114049



Course Information



Qualification Title

National Certificate: Information Technology
(Systems Development)

Course Title

Demonstrate an Understanding of Computer
Database Management Systems

Course Level

5

Course Credits

7

Course Duration

Three days

Cost of Course

R 2 800,00 per delegate (excluding 15% VAT)

Course Overview

This Unit Standard is intended for individuals who are required to obtain knowledge to demonstrate an understanding of Computer Database Management Systems.

This Unit Standard is intended:

- To provide fundamental knowledge of the areas covered.
- For those working in or entering the workplace in the area of Information Technology.
- As additional knowledge for those wanting to understand the areas covered.

Systems Development

Who Should Attend?	Intended for persons seeking to expand their knowledge and understanding of database management.
Course Objectives	The fundamental objective of the course is to enable delegates to demonstrate an understanding of Computer Database Management Systems.
Benefits	Benefits of this course include learning to: - Describe data management issues and how it is addressed by a DBMS. - Describe commonly implemented features of commercial computer DBMS's - Describe the different types of DBMS's - Review DBMS end-user tools

Course Content

Course Modules	Course modules consist of: - Describing data management issues and how they are addressed by a DBMS. - Access, shared use, security, integrity, privacy, reliability, risk, performance, integration, and data administration. - Describing commonly implemented features of a commercial DBMS. - Data access tools, recovery, audit, distributed data management, backup, and transaction processing. - Describing the different types of DBMS's - Review of DBMS end-user tools.
Certification and Assessments	All delegates who complete the summative assessment will be assessed, moderated, and receive a SOR (Statement of Results). Thereafter a Certificate of Competence from WWISE (or SETA for qualifications) will be issued.

About WWiSE

Who are we?

World Wide Industrial & Systems Engineers (WWiSE) is an ISO consultancy, training, business solutions, and systems implementation firm based in Southern Africa that provides clients with effective business processes management solutions in preparation for ISO compliance. The solutions we provide and implement allow our clients to compete favourably in modern competitive business environments, both locally and internationally. We also strive to be the leading training providers in SHERQ, ISO, Engineering, Finance, Business, and Project Management.

What do we do?

Our services are aimed at the improvement of quality, efficiency, knowledge, and competitiveness of client companies. This service range includes:

- ISO and SHERQ Systems implementation services, whereby we assist clients in meeting the requirements of (but not limited to) ISO 9001, 14001, 22000, 31000, 27001, 20000-1, 50001, and ISO 45001 Standards.
- Integrated Management Systems development whereby we integrate several business systems and management solutions into a single management system to comply with standards.
- Training of all employees (Shop Floor to Executive Management) in the fields of SHERQ, Engineering, Finance, Business, and Project Management to meet job responsibilities and expertise requirements of International Standards.
- ISO and Legal Auditing which includes Gap Analysis Audits, Product, Process, Procedural, and Systems auditing by our registered SAATCA Auditors.
- Customised web-based solutions integrating current systems to be in line with ISO requirements.

We are a Level 1 BBBEE Contributor that specialises in systems development, consultancy, training, and auditing.