



APPLY THE PRINCIPLES OF DESIGNING COMPUTER SYSTEM INPUTS AND OUTPUTS

Unit Standard: 115365



Course Information



mictseta

Accelerating quality skills towards an information savvy society

Programme Approval no: PA/00/2018/07/0026

Media, Information and Communication Technologies
Sector Education and Training Authority

Qualification Title

National Certificate: Information Technology
(Systems Development)

Course Title

Apply the Principles of Designing Computer
System Inputs and Outputs

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 need the knowledge to apply the principles of designing computer system inputs and outputs.

Systems Development

Who Should Attend?	Intended for a person working as an employee entering the workplace in the area of Computer Operations.
Course Objectives	The fundamental objective of the course is to allow delegates demonstrate an understanding of Computer SQL.
Benefits	Benefits of this course include learning to: - Explain the principles of computer input and output design. - Design computer input and output functions. - Create computer input and output functions.

Course Content

Course Modules	Course modules consist of: - The principles of computer input and output design. - Various types of inputs and outputs. - Distinguish between appearance and the underlying structure and processes. - Identify the purpose of user involvement in creating the designs. - Compare online computer functions with manual forms and offline data entry. - Discussion of input and output that compares graphical input and output functions with text-based input and output functions. - Design computer input and output functions. - Input with online help, non-keyed input, at least two outputs with multiple levels and subtotals. - The design meets the specification for the function. - The design can be implemented in the specified computer environment. - The design conforms to an industry recommended format for the function. - Simulate before developing. - Create computer input and output functions. - One input with online help; at least two outputs with multiple levels and subtotal. - The creation ensures that the function format corresponds to the design.
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Certification and Assessments

16. The creation ensures that the function behaviour corresponds to the design.

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.