



APPLY INFORMATION GATHERING TECHNIQUES FOR COMPUTER SYSTEM DEVELOPMENT

Unit Standard: 115358



Course Information



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 Information Gathering Techniques for
Computer System Development

Course Level

5

Course Credits

7

Course Duration

Three days

Cost of Course

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

Course Overview

People credited with this Unit Standard are able to design and conduct an interview for gathering information for computer system development, as well as design and perform an analysis of the results from a questionnaire for gathering information for computer system development.

Systems Development

Who Should Attend?	This course is for anyone interested in the field of system development and computer architecture concepts.
Course Objectives	- Design and conduct an interview for gathering information for computer system development. - Design and perform an analysis of the results from a questionnaire for gathering information. - Gather data from documents for computer system development. - Observe a person's behaviour for gathering information for computer system development. - Consolidate the information gathered via different techniques.
Benefits	Benefits of this course include learning to: - Identify, solve problems, and make decisions in relation to the current systems development environments. - Work effectively with others as a member of an organisation. - Organise and manage him/her self and his/her activities responsibly and effectively. - Collect, analyse, organise, and critically evaluate information. - Communicate effectively using visual, mathematical and or language skills in the modes of oral and/ or written persuasion when engaging with systems development. - Use science and technology effectively and critically, showing responsibility towards the environment and health of others.

Course Content

Course Modules	Course modules consist of: - The interviewee reports that he/she has understood the interview objectives. - The interviewee reports that he/she has understood the interview questions. - The interview provides answers that meet interview objectives. - The presentation of the interview is appropriate to the interviewee. - Design and perform an analysis of the results from a questionnaire for gathering information for computer system development.
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	6. The respondents report that they understand the questionnaire objectives. 7. The respondents report that they understand the questions. 8. The questionnaire responses provide answers that meet questionnaire objectives. 9. The presentation of the questionnaire is appropriate to the target population. 10. A summary of questionnaire responses, and a comparison with expected responses, allows summary statements to be made about the population sample. 11. Research notes identify data that meet the specified information requirements using an industry recommended format. 12. Research notes identify the characteristics of the data and the relationships between data items. 13. Research notes identifying data items facilitate access to those data items. 14. A record of the behaviour identifies events that meet the specified information requirements and outlines those events. 15. A report about the observation compares the outcome of the observation with the observation objectives. 16. The comparison identifies agreement and differences between the information gathered from different techniques. 17. Differences are resolved and justified by reviewing the information gathering techniques.
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.