mictseta

Media, Information and Communication Technologies
Sector Education and Training Authority

Accelerating quality skills towards an information savvy society

PROGRAMME ALIGNMENT – 115365

SO - Specific Outcomes

AC - Assessment Criteria

	Apply the principles of designing computer system inputs and outputs		115365		NQF LEVEL 5	7 CREDITS
1.	**SO'S**	**AC'S**	**MANUAL NAME**	**UNIT/CHAPTER**	**TOPIC**	**PAGE**
Explain the principles of computer input and output design. **S O 1**		AC 1	Apply the principles of designing computer system inputs and outputs	1	The explanation identifies the various types of inputs and outputs.	3 - 5
		AC 2	Apply the principles of designing computer system inputs and outputs	1	The explanation distinguishes between appearance and the underlying structure and processes.	3 - 5
		AC 3	Apply the principles of designing computer system inputs and outputs	1	The explanation identifies the purpose of user involvement in creating the designs.	7 - 10
		AC 4	Apply the principles of designing computer system inputs and outputs	1	The explanation compares online computer functions with manual forms and offline data entry.	5
		AC 5	Apply the principles of designing computer system inputs and outputs	1	The explanation includes a discussion of input and output that compares graphical input and output functions with text based input and output functions.	6

2.	SO'S	AC'S	MANUAL	UNIT/CHAPTER	TOPIC	PAGE
Design computer input and output functions. **S O 2**		**AC 1**	Apply the principles of designing computer system inputs and outputs	2	The design meets the specification for the function.	**10 - 14**
		AC 2	Apply the principles of designing computer system inputs and outputs	2	The design can be implemented in the specified computer environment.	**7, 8**
		AC 3	Apply the principles of designing computer system inputs and outputs	2	The design conforms to an industry recommended format for the function.	**17 - 25**

3.	SO'S	AC'S	MANUAL	UNIT/CHAPTER	TOPIC	PAGE
Create computer input and output functions. **S O 3**		**AC 1**	Apply the principles of designing computer system inputs and outputs	3	The creation ensures that the function format corresponds to the design.	**15 – 16**
		AC 2	Apply the principles of designing computer system inputs and outputs	3	The creation ensures that the function behaviour corresponds to the design.	**15 – 16**

Specific Outcomes (Practical Competency, Skills) (SO)

Implies the ability to apply acquired knowledge practically in the workplace to achieve a related task. An observation checklist relating to the set assessment criteria are used to assess the learner's achievement of the specific outcomes.

Assessment Criteria (AC)

The criteria against which the achievement of the specific outcomes of a unit standard are measured. Assessment criteria are normally set for specific outcomes only, with essential embedded knowledge implied in the assessment criteria.