Course title: COMPUTER PROGRAMMING AND WEB-DESIGN

Course Name	US type	Unit standards ID	US Title	NQF	Credits
Programming and Web design course {System Development}	Elective	114636	Demonstrate an understanding of preventative maintenance, environmental and safety issues in a computer environment	Level 3	6
	Core	14918	Describe the principles of Computer Programming	Level 3	5
	Core	14910	Apply the principles of Computer Programming	Level 4	8
	Core	14933	Demonstrate an understanding of creating multimedia/web-based computer applications with scripting	Level 4	6
	Core	14924	Demonstrate an understanding of information systems analysis	Level 4	3
	Core	14930	Demonstrate an understanding of the principles of developing software for the internet	Level 4	3
	Core	14909	Describe the difference between programming in Object Orientated and Procedural Languages	Level 4	4
	Core	14915	Design a computer program according to given specifications	Level 4	8
	Core	14917	Explain computer architecture concepts	Level 4	7
	Core	14944	Explain how data is stored on computers	Level 4	7
				Total	**57**

COURSE

RATIONALE OF THE QUALIFICATION:
This Module has been formulated such that it reflects the workplace-based needs of the Information Technology Industry as expressed by its stakeholders.
The input has been used to ensure that the module provides the learner with accessibility to be employed within the IT Industry.
The unit standards will allow learners to qualify for a national qualification by accumulating

the required credits via short learning programmes. Upon successful completion of the Modules the learner will have an introductory level of understanding about computer industry concepts and/or are able to work in areas of Information Technology with little technical complexity, for example entry-level computer programming.

WHO SHOULD ATTEND THIS TRAINING
- Anyone working or aspiring to work in the IT industry in the field of Programming.

WHAT YOU SHOULD BE ABLE TO DO AT COMPLETION

A learner will be able to
- Communicate effectively with fellow IT staff & users of information systems.
- Demonstrate an understanding of Computer Technology Principles.
- Demonstrate an understanding of Computer Programming Principles.
- Carry out, under supervision, a small size task to demonstrate an understanding of the knowledge, techniques & skills needed to understand the fundamentals of Computer Programming.

WHAT YOU CAN BECOME AT COMPLETION

Junior Programmer/ Web designer

DURATION OF COURSE:

3 months {570 notional hours}

Learners to attend 3 months contact session {physical presence}

Cost per delegate: *Refer to price list*

Refer to timetable for roll-out dates. Course can be rolled out at the delegates' premises in event of more than 7 delegates comes from same place/ company.

PRE-QUALIFICATION/ Entry criteria –
Grade.12 or an equivalent

BELIEVERS CARE SOCIETY
Accreditation no: ACC/2010/07/767

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Media, Information and Communication Technologies
Sector Education and Training Authority

Accelerating quality skills towards an information savvy society