

Access to H.E. National Programme Unit



Unit Title:	Structured Programming		
Graded Unit Code:	GA33COM08	Ungraded Unit Code:	UA33COM08
Pathway(s):	Computing Hospitality, Leisure and Tourism		
Module(s):	Computing		
Level:	3	Credit Value:	3
Valid from:	1 st August 2014	Valid to:	31 st July 2024

The following QAA grade descriptors must be applied if you are delivering the graded version of this unit:

1	Understanding of the subject
2	Application of knowledge
3	Application of skill
7	Quality

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand the difference between top-down and bottom-up programming and the value of structured programming	1.1 Compare and contrast the top-down and bottom-up approaches to computer programming
	1.2 Identify the key features of structured programming and evaluate the advantages of this approach
	1.3 Define the terms procedure (function, method) and parameter and explain their relationships
2 Be able to use techniques to plan a structured program	2.1 Use structure tables, structure charts and hierarchy charts to design computer programs

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LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
	2.2 Explain the difference between local and global (public) variables and plan their use
	2.3 Design and use meaningful identifier names for variables and constants
3 Be able to solve problems using structured programs	3.1 Design programs involving at least three procedures including at least one error checking procedure
	3.2 Identify appropriate data to test error checking procedures and modify the program as appropriate
	3.3 Use appropriate comments in a program to clarify structure and functionality