

**NEW ZEALAND INSTITUTES OF TECHNOLOGY AND POLYTECHNIC
QUALIFICATIONS IN INFORMATION & COMMUNICATIONS TECHNOLOGY**

PRESCRIPTION: OS65n OPERATING SYSTEMS (MULTI-TASKING)

AIM OF MODULE:	To provide students with the skills and knowledge to configure and manage workstations within a typical business environment.
CREDITS:	7
KNOWLEDGE ASSUMED FROM:	OS500 Operating Systems Software
STUDENT LEARNING HOURS:	70
CONTENT REVISED:	2010
PRESCRIPTION EXPIRY DATE:	November 2013
NOTE:	It is recommended that this module be awarded to a student for no more than two operating systems.

Level and Assessment Schedule

TOPICS	Highest Skill Level				Suggested Assessment Percentage
	R	C	A	P	
1. Multi-tasking Concepts		*			10
2. User Interface			*		40
3. Workstation Configuration				*	40
4. Application Installation & Removal			*		10
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					100

LEARNING OUTCOMES

The student will:

- | | | |
|---|---|--|
| C | 1 | Explain the concepts and principles of multi-tasking. |
| A | 2 | Describe the components of the user interface and use the interface effectively. |
| P | 3 | Demonstrate the effective management and configuration of a workstation including solving configuration and management problems. |
| A | 4 | Demonstrate the installation, configuration and removal of a typical application. |

CONTENT

1 MULTI-TASKING CONCEPTS

- The concepts and principles of multi-tasking including:
 - multi-tasking concepts and principles
 - process management
 - virtual memory
 - scheduling
 - spooling
 - the advantages/disadvantages of multi-tasking operating systems.

2 USER INTERFACE

- The components and effective use of the user interface including:
 - file management
 - print job control
 - manage concurrent applications
 - customisation

3 WORKSTATION CONFIGURATION

- The effective management and configuration of a workstation including:
 - configuration items and files
 - network connection (client component only)
 - automation of tasks (may include unix scripts, batch files, Rexx etc)
 - printer setup
 - disk maintenance and backup
 - virus detection/prevention
 - system auditing
 - solving configuration and management problems

4 APPLICATION INSTALLATION AND REMOVAL

- The installation, configuration and removal of a typical application.