

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

**PRESCRIPTION: SD700 SYSTEMS DESIGN**

AIM OF MODULE:	To enable students to complete the design of one or two systems, given the requirements definition.
CREDITS:	7
STUDENT LEARNING HOURS:	70
CONTENT REVISED:	Pre 1996
PRESCRIPTION EXPIRY DATE:	Nov 2011

**Level and Assessment Schedule**

TOPICS	Highest Skill Level				Suggested Assessment Percentage
	R	C	A	P	
1. Systems Design				*	100
					100

**The student will:**

## **1      SYSTEMS DESIGN**

- Given a complete requirements definition for a realistic business system design a new system. This will include:
  - analysis of existing system against requirements
  - logical design refinement
  - physical design
  - documentation
  - planning for data conversion
  - planning for implementation
  - planning for post-implementation review

## **NOTES**

- Students should undertake the design process either for two modestly-sized systems or one larger system. It may be appropriate for them to work in teams rather than individually.
- This is CASE STUDY work; it is in the Project (PJ300) that a student may undertake the design of a real system.