

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

PRESCRIPTION: EC710 E-COMMERCE WEB SITE

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|---------------------------|---|
| AIM OF MODULE: | Students will develop knowledge and skills in E-Commerce Web Site Design. |
| CREDITS: | 7 |
| KNOWLEDGE ASSUMED FROM: | IN600 and DB600 with EC700 recommended. |
| STUDENT LEARNING HOURS: | 70 |
| CONTENT REVISED: | 2008 |
| PRESCRIPTION EXPIRY DATE: | November 2013 |

Level and Assessment Schedule

| TOPICS | Highest Skill Level | | | | Suggested Assessment Percentage |
|-------------------------------|---------------------|---|---|---|---------------------------------|
| | R | C | A | P | |
| 1. E-Commerce Web Site Design | | * | | | 20 |
| 2. E-Commerce Web Site | | | | * | 80 |
| | | | | | <hr/> 100 <hr/> <hr/> |

LEARNING OUTCOMES

The student will:

- C 1 Explain the difference between client side and server side, the benefits of server side components, and their application in the development of E-Commerce Web Sites.
- P 2 Construct an E-Commerce web site with server side components.

CONTENT

1 E-COMMERCE WEB SITE DESIGN

- Explain the purpose of client side components and server side components using tools in current use.
- Determine the components that would be client side and server side from a set of user requirements.
- Describe new and emerging technologies and their application in the development of E-Commerce web sites.

2 E-COMMERCE WEB SITE

- Design an E-Commerce Web Site from a set of requirements that represent a typical on-line ordering system including:
 - shopping cart
 - order confirmation
 - secure payment
 - online database
- Create a functioning E-Commerce Web Site that includes the following:
 - server side components
 - shopping cart
 - order confirmation
 - secure payment
 - online database

NOTES TO TUTORS

- The web site developed should be for a controlled case study that includes a range of features and requirements that students would come across in industry.