DIPLOMA OF

INFORMATION TECHNOLOGY

Web Development Specialisation

ICT50220 / 102667H

DESCRIPTION

At Mindroom Innovation, students will learn more than just codes, they will be able to understand all stages of website development. Students will learn about ReactJS, Python, PHP, HTML, JavaScript (JS), Cascade Style Sheets (CSS) and how to use different ranges of Content Management System (CMS). The outline of this course covers design, development, site performance, database integration to implementation and acceptance testing.

The ICT50220 – Diploma of Information Technology Web Development Specialisation is conducted over 119 weeks (92 academic weeks and 27 holiday weeks) and comprises a total of 20 units, including the following:

CORE UNITS

BSBCRT512	Originate and develop concepts
BSBXCS402	Promote workplace cyber security awareness and best practices
BSBXTW401	Lead and facilitate a team
ICTICT517	Match ICT needs with the strategic direction of the organisation
ICTICT532	Apply IP, ethics and privacy policies in ICT environments
ICTSAS527	Manage client problems

ELECTIVE UNITS (Internet of Things)

ICTIOT501	Install IT devices and networks
ICTIOT502	Program IoT device
ICTIOT503	Design and test IoT devices and networks

ELECTIVE UNITS (Group C Back End Web Development Specialisation)

ICTDBS507	Integrate databases with websites
ICTPRG553	Create and develop REST APIs
ICTPRG554	Manage data persistence using noSQL data stores
ICTWEB522	Develop website information architecture
ICTWEB525	Implement quality assurance process for websites

ELECTIVE UNITS (Group I Front End Web Development Specialisation)

ICTICT530	Design user experience solutions
ICTWEB513	Build dynamic websites
ICTWEB514	Create dynamic web pages
ICTWEB518	Build a document using extensible markup language
ICTWEB519	Develop complex web page layouts
ICTWEB520	Develop complex cascading style sheets