



Code and title of qualification	<i>Diploma of Information Technology (Software Development) ICA50705</i>		
Units of competency	Code	Title	Core/Elective
	BSBPM505A	Manage project quality	Core
	ICAA5056B	Prepare disaster recovery and contingency plans	Core
	ICAA5158A	Translate business needs into technical requirements	Core
	ICAB5223A	Apply intermediate object-oriented language skills	Core
	ICAB5226A	Apply advanced object-oriented language skills	Core
	ICAB5227A	Apply advanced programming skills in another language	Core
	ICAS5202A	Ensure privacy for users	Core
	ICAT5079A	Perform integration test	Core
	PSPPM502B	Manage complex projects	Core
	ICAA5054A	Validate quality and completeness of system design specifications	Elective
	ICAA5151A	Gather data to identify business requirements	Elective
	ICAB5068A	Build using rapid application development	Elective
	ICAB5228A	Maintain functionality of legacy code programs	Elective
	ICAB5230A	Maintain custom software	Elective
	ICAP5039A	Match IT needs with the strategic direction of the enterprise	Elective
	ICAS5102A	Establish and maintain client user liaison	Elective
	ICAT5081A	Perform systems test	Elective
Client(s)	<p>The target group for the Diploma of Information Technology (Software Development) ICA50705 is to provide students with the knowledge to become competent in programming and software development. The course outlines the skills required to achieve success in this qualification. This includes web page design basics, introductory programming to advanced programming in languages that meet current market needs such as Visual Basic, advanced HTML, C++, ASP (Active Server Page) and Java. (Programming languages may vary due to current trends), developing high level skills in project work and managing the entire software development process from the determining of client requirements to solve a business problem, through to implementation, testing and maintenance of the completed system and ensuring ICT services meet current and future internal operational enterprise requirements. These clients include overseas students. All applicants for places in the qualification must have intermediate to upper intermediate English level.</p>		