

**BUSINESS SERVICES AND
INFORMATION TECHNOLOGY
TRAINING PACKAGE
e-Business Qualifications
IMPLEMENTATION GUIDE**

WESTERN AUSTRALIAN DEPARTMENT OF TRAINING

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Training Package Qualifications and Nominal Hours (Summary)

The following table provides a summary of the new Training Package qualifications and nominal hours assigned to each qualification. The nominal hours include both delivery and assessment.

National Code	Training Package	Nominal Hours
	Information Technology Qualifications:	
ICA10201	Certificate I in Information Technology (E-Consumer)	155
ICA41001	Certificate IV in Information Technology (Website Administration)	390
ICA41101	Certificate IV in Information Technology (Website Design)	620
ICA50601	Diploma of Information Technology (Website Development)	525
ICA50701	Diploma of Information Technology (Internetworking)	440
ICA50801	Diploma of Information Technology (E-Business Development)	480
ICA50901	Diploma of Information Technology (Knowledge Management)	480
ICA51001	Diploma of Information Technology (Database Design & Development)	665
ICA51101	Diploma of Information Technology (Project Management)	490
ICA60101	Advanced Diploma of Information Technology (E-Business Development)	770
ICA60201	Advanced Diploma of Information Technology (E-Business Analysis)	650
ICA60301	Advanced Diploma of Information Technology (E-Learning)	900
ICA60401	Advanced Diploma of Information Technology (E-Security)	715
ICA60501	Advanced Diploma of Information Technology (Project Management)	775
	e-Business Qualifications:	
BSB30601	Certificate III in e-Business	395
BSB41201	Certificate IV in e-Business	380
BSB51101	Diploma in e-Business	410
BSB60701	Advanced Diploma in e-Business	400
	Blended e-Business Qualifications:	
BSB41301	Certificate IV in e-Business Development	445
BSB51201	Diploma of Strategic e-Business Development	490
BSB51301	Diploma of e-Learning	365
BSB60801	Advanced Diploma of Strategic e-Business Development	450

Mapping of Existing Accredited Courses to TP Qualifications

The following table lists current nationally accredited courses. These existing courses have been mapped against the new qualifications for replacement purposes.

Existing Accredited Courses	Training Package Qualification(s)
9260 Certificate III in Information Technology (Web Support) Nominal Hours: 365	ICA41001 Certificate IV in Information Technology (Website Administration) Nominal Hours: Up to 390
9258 Certificate IV in Information Technology (Web Development) Nominal Hours: 780	ICA41101 Certificate IV in Information Technology (Website Design) Nominal Hours: Up to 620
9253 Diploma of Internet and Networking Technologies Nominal Hours: 1366	ICA50601 Diploma of Information Technology (Website Development) Nominal Hours: Up to 525
9253 Diploma of Internet and Networking Technologies Nominal Hours: 1366	ICA50701 Diploma of Information Technology (Internetworking) Nominal Hours: Up to 440
9259 Diploma of Information Technology (Web Management) Nominal Hours: 405	ICA60501 Diploma of Information Technology (Project Management) Nominal Hours: Up to 490
5197 Diploma of Electronic Commerce Nominal Hours: 499	BSB51101 Diploma in e-Business Nominal Hours: 410
5196 Advanced Diploma of Electronic Commerce Normal Hours: 360	BSB60701 Advanced Diploma in e-Business Normal Hours: 400

TP Qualifications with no current equivalent Qualifications

There is no current equivalent qualification for each of the following qualifications in the Training Package.

National Code	Training Package Qualification	Nominal Hours
	Information Technology Qualifications:	
ICA10201	Certificate I in Information Technology (E-Consumer)	155
ICA50801	Diploma of Information Technology (E-Business Development)	480
ICA50901	Diploma of Information Technology (Knowledge Management)	480
ICA51001	Diploma of Information Technology (Database Design & Development)	665
ICA60101	Advanced Diploma of Information Technology (E-Business Development)	770
ICA60201	Advanced Diploma of Information Technology (E-Business Analyst)	650
ICA60301	Advanced Diploma of Information Technology (E-Learning)	900
ICA60401	Advanced Diploma of Information Technology (E-Security)	715
	e-Business Qualification:	
BSB30601	Certificate III in e-Business	395
BSB41201	Certificate IV in e-Business	380
	Blended e-Business Qualifications:	
BSB41301	Certificate IV in e-Business Development	445
BSB51201	Diploma of Strategic e-Business Development	490
BSB51301	Diploma of e-Learning	365
BSB60801	Advanced Diploma of Strategic e-Business Development	450

Model Training Programs

All the qualifications contained within Training Package can be customised to meet both the context in which training is being undertaken and the learner's chosen career path.

The following Training Program outlines are not intended to be prescriptive, but illustrate ways in which the qualifications can be achieved through effectively utilising all the qualifications and units of competence contained with the package.

Refer to Training Package for further information on specific qualification packaging arrangements.

ICA10201 Certificate I in Information Technology (E-Consumer)

9 units of competence are required to achieve this unit.

Unit No	Unit Title	Hours
ICAITU128A	Operate a personal computer	15
ICAITU133A	Send and retrieve information over the Internet using browsers and email	15
ICAITU129A	Operate a word processing application	15
ICAITS193A	Connect a workstation to the Internet	10
ICAITU204A	Locate and evaluate on-line information	10
ICAITS206A	Check site security	10
ICAITU213A	Conduct online transactions	10
ICAITS014B	Connect hardware peripherals	30
ICAITU005C	Operate computer hardware	40
		155

ICA41001 Certificate IV in Information Technology (Website Administration)

18 units of competence are required to achieve this unit.

- 14 units must be achieved from the Information Technology E-Business Initiative units
- 4 optional units to be chosen from the IFTP or any other endorsed Training Package

Design focus

Unit No	Unit Title	Hours
ICAITB135A	Create a simple mark-up language document to specification	20
ICAITB137A	Produce basic client side script for dynamic web pages	40
ICAITB169A	Use development software & IT tools to build a basic website to specification	20
ICAITU207A	Apply web authoring tool to convert client data	20
ICAITI190A	Maintain information standards	20
ICAITS191A	Maintain website performance	30
ICAITS198A	Develop guidelines for updating and loading information to a website	20
ICAITS200A	Monitor traffic and compile specified site traffic reports	15
ICATS194A	Ensure basic website security	20
ICAITI189A	Ensure website content meets appropriate technical protocols & standards	30
ICAITS201A	Transfer content to a website using commercial packages	20
ICAITT183A	Confirm accessibility of website design	10
ICAITT184A	Ensure site usability	15
ICAITT185A	Validate basic website performance	20
ICAITB161A	Build a document using extensible mark-up language (XML)	30
ICAITB163A	Create a Common Gateway Interface (CGI) script	40
ICAITB165A	Create dynamic pages	30
ICAITB171A	Develop Cascading Style Sheets (CSS)	20
		420

Maintenance focus

Unit No	Unit Title	Hours
ICAITB135A	Create a simple mark-up language document to specification	20
ICAITB137A	Produce basic client side script for dynamic web pages	40
ICAITB169A	Use development software & IT tools to build a basic website to specification	20
ICAITU207A	Apply web authoring tool to convert client data	20

ICAITI190A	Maintain information standards	20
ICAITS191A	Maintain website performance	30
ICAITS198A	Develop guidelines for updating and loading information to a website	20
ICAITS200A	Monitor traffic and compile specified site traffic reports	15
ICATS194A	Ensure basic website security	20
ICAITI189A	Ensure website content meets appropriate technical protocols & standards	30
ICAITS201A	Transfer content to a website using commercial packages	20
ICAITT183A	Confirm accessibility of website design	10
ICAITT184A	Ensure site usability	15
ICAITT185A	Validate basic website performance	20
BSBEBUS406A	Maintain records in an on-line environment	20
BSBEBUS408A	Implement and monitor delivery of quality customer service on-line	20
BSBEBUS512A	Implement electronic communication policy	20
ICAITS108A	Complete database backup and recovery	30
		390

ICA41101 Certificate IV in Information Technology (Website Design)

21 units of competence are required to achieve this unit.

- 17 units must be achieved from the Information Technology E-Business Initiative units
- 4 optional units to be chosen from the IFTP or any other endorsed Training Package

Design Focus

Unit No	Unit Title	Hours
ICAITAD142A	Design a website to meet technical requirements	40
ICAITT184A	Ensure site usability	15
ICAITT183A	Confirm accessibility of website design	10
ICAITU205A	Select and employ software and hardware multimedia tools	40
ICAITAD146A	Develop website information architecture	30
ICAITS201A	Transfer content to a website using commercial packages	20
ICAITU207A	Apply web authoring tool to convert client data	20
ICAITB169A	Use development software & IT tools to build a basic website to specification	20
ICAITB135A	Create a simple mark-up language document to specification	20
ICAITB137A	Produce basic client side script for dynamic web pages	40

ICAITB171A	Develop Cascading Style Sheets (CSS)	20
CUFMEM06A	Design a multimedia product	50
CUFMEM07A	Apply principles of visual design and communication to the development of a media product	40
CUFMEM08A	Apply principles of instructional design to a media product	40
CUFMEM10A	Design and create a multimedia interface	70
ICAITI189A	Ensure website content meets appropriate technical protocols & standards	30
ICAITT185A	Validate basic website performance	20
ICAITB179A	Build decks using wireless mark-up language (WML)	30
ICAITB070B	Create code for applications	200
CUFIMA01A	Produce and manipulate digital images	60
ICAITD209A	Writing for the World Wide Web	30
		845

Generic Focus

Unit No	Unit Title	Hours
ICAITAD142A	Design a website to meet technical requirements	40
ICAITT184A	Ensure site usability	15
ICAITT183A	Confirm accessibility of website design	10
ICAITU205A	Select and employ software and hardware multimedia tools	40
ICAITAD146A	Develop website information architecture	30
ICAITS201A	Transfer content to a website using commercial packages	20
ICAITU207A	Apply web authoring tool to convert client data	20
ICAITB169A	Use development software & IT tools to build a basic website to specification	20
ICAITB135A	Create a simple mark-up language document to specification	20
ICAITB137A	Produce basic client side script for dynamic web pages	40
ICAITB171A	Develop Cascading Style Sheets (CSS)	20
CUFMEM06A	Design a multimedia product	50
CUFMEM07A	Apply principles of visual design and communication to the development of a media product	40
CUFMEM08A	Apply principles of instructional design to a media product	40
CUFMEM10A	Design and create a multimedia interface	70
ICAITI189A	Ensure website content meets appropriate technical protocols & standards	30
ICAITT185A	Validate basic website performance	20
ICAITD209A	Writing for the World Wide Web	30
ICAITAD149A	Implement quality assurance process for e-Business solutions	30

ICAITS200A	Monitor traffic and compile specified site traffic reports	15
ICAITT186A	Conduct operational acceptance tests of websites	20
		620

ICA50601 Diploma of Information Technology (Website Development)

21 units of competence are required to achieve this unit.

- 19 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Database Focus

Unit No	Unit Title	Hours
ICAITAD141A	Design dynamic websites to meet technical requirements	30
ICAITAD146A	Develop website information architecture	30
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITB162A	Configure a payment gateway	30
ICAITS195A	Ensure dynamic website security	25
ICAITS196A	Implement secure encryption technologies	20
ICAITS197A	Install and maintain valid authentication processes	25
ICAITU208A	Use site server tools for e-Business	20
ICAITB165A	Create dynamic pages	30
ICAITB168A	Compile and run an application	60
ICAITB180A	Integrate a database with a website	25
ICAITS202A	Ensure privacy for users	20
ICAITTW214A	Maintain ethical conduct	10
ICAITT083A	Develop and conduct client acceptance test	20
ICAITT084A	Perform stress and loading test of integrated platform	20
ICAITT186A	Conduct operational acceptance tests of websites	20
ICAITB212A	Implement quality assurance process for websites	20
ICAITAD139A	Design a database	50
ICAITB170A	Build a database	30
		555

E-Business focus

Unit No	Unit Title	Hours
ICAITAD141A	Design dynamic websites to meet technical requirements	30
ICAITAD146A	Develop website information architecture	30
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITB162A	Configure a payment gateway	30
ICAITS195A	Ensure dynamic website security	25
ICAITS196A	Implement secure encryption technologies	20
ICAITS197A	Install and maintain valid authentication processes	25
ICAITU208A	Use site server tools for e-Business	20
ICAITB165A	Create dynamic pages	30
ICAITB168A	Compile and run an application	60
ICAITB180A	Integrate a database with a website	25
ICAITS202A	Ensure privacy for users	20
ICAITTW214A	Maintain ethical conduct	10
ICAITT083A	Develop and conduct client acceptance test	20
ICAITT084A	Perform stress and loading test of integrated platform	20
ICAITT186A	Conduct operational acceptance tests of websites	20
ICAITB212A	Implement quality assurance process for websites	20
ICAITAD155A	Plan process re-engineering strategies for e-Business	30
ICAITAD143A	Implement process re-engineering strategies for e-Business	20
		525

ICA50701 Diploma of Information Technology (Internetworking)

18 units of competence are required to achieve this unit.

- 16 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Security Focus

Unit No	Unit Title	Hours
ICAITAD045A	Produce network/ communication design	30
ICAITAD144A	Determine best fit topology for a local network	20
ICAITAD145A	Identify best fit topology for WAN network	20
ICAITB159A	Build a security shield for a network	40
ICAITS124A	Monitor and administer network security	20

ICAITS192A	Configure an Internet gateway	20
ICAITS196A	Implement secure encryption technologies	20
ICAITS197A	Install and maintain valid authentication processes	25
ICAITTW214A	Maintain ethical conduct	10
ICAITB173A	Install intelligent hub	10
ICAITB174A	Install network bridges/switches	10
ICAITB176A	Install and configure router	20
ICAITI097A	Install and configure a network	40
ICAITI099A	Build an intranet	40
ICAITI101A	Install and manage network protocols	40
ICAITS121A	Administer network peripherals	20
ICAITB162A	Configure a payment gateway	30
ICAITS195A	Ensure dynamic website security	25
		440

Server Focus

Unit No	Unit Title	Hours
ICAITAD045A	Produce network/ communication design	30
ICAITAD144A	Determine best fit topology for a local network	20
ICAITAD145A	Identify best fit topology for WAN network	20
ICAITB159A	Build a security shield for a network	40
ICAITS124A	Monitor and administer network security	20
ICAITS192A	Configure an Internet gateway	20
ICAITS196A	Implement secure encryption technologies	20
ICAITS197A	Install and maintain valid authentication processes	25
ICAITTW214A	Maintain ethical conduct	10
ICAITB173A	Install intelligent hub	10
ICAITB174A	Install network bridges/switches	10
ICAITB176A	Install and configure router	20
ICAITI097A	Install and configure a network	40
ICAITI099A	Build an intranet	40
ICAITI101A	Install and manage network protocols	40
ICAITS121A	Administer network peripherals	20
ICAITI188A	Install and maintain a server	20
ICAITB172A	Install Asynchronous Transfer Mode (ATM) LAN	40
		445

ICA50801 Diploma of Information Technology (E-Business Development)

18 units of competence are required to achieve this unit.

- 10 units must be achieved from the Information Technology E-Business Initiative units
- 6 units must be achieved from the IFTP or the FSTP (up to 200 hours)
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSX154L501	Guide Application of Project Integrative Processes	30
ICAITAD138A	Determine acceptable developers for e-Business projects	30
ICAITAD143A	Implement process re-engineering strategies for e-Business	20
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD150A	Evaluate vendor products and equipment	20
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD155A	Plan process re-engineering strategies for e-Business	30
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITTW214A	Maintain ethical conduct	10
	6 units from IFTP or FSTP	200
BSBEBUS509 A	Implement e-Business outsourcing arrangements	25
BSBEBUS510 A	Manage e-Business outsourcing	25
		480

ICA50901 Diploma of Information Technology (Knowledge Management)

19 units of competence are required to achieve this unit.

- 17 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSBEBUS511 A	Implement a knowledge management strategy for an e-Business	30
BSBEBUS609 A	Develop a knowledge management strategy for an e-Business	30
CULLB412A	Undertake cataloguing activities	15
ICAITAD139A	Design a database	50
ICAITAD147A	Determine that database functionality and scalability suit business requirements	30
ICAITAD151A	Gather data to identify business requirements	30

ICAITAD153A	Model data objects	30
ICAITAD154A	Model data processes	30
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITB164A	Create a data warehouse	30
ICAITB170A	Build a database	30
ICAITB180A	Integrate a database with a website	25
ICAITB210A	Analyse information and assign meta-tags	20
ICAITI099A	Build an intranet	40
ICAITI212A	Monitor and improve new or existing knowledge management system	20
ICAITS202A	Ensure privacy for users	20
ICAITTW214A	Maintain ethical conduct	10
ICAITB062A	Perform data conversion	15
ICAITB063A	Monitor data conversion	5
		480

ICA51001 Diploma of Information Technology (Database Design and Development)

18 units of competence are required to achieve this unit.

- 16 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
ICAITAD041A	Determine client business expectations and needs	30
ICAITAD139A	Design a database	50
ICAITAD147A	Determine that database functionality and scalability suit business requirements	30
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD153A	Model data objects	30
ICAITAD154A	Model data processes	30
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITB060A	Identify physical database requirements	40
ICAITB061A	Monitor physical database implementation	40
ICAITB136A	Use SQL to create database structures and manipulate data	60
ICAITB164A	Create a data warehouse	30
ICAITB166A	Create utility programs	60
ICAITB170A	Build a database	30
ICAITB180A	Integrate a database with a website	25
ICAITI099A	Build an intranet	40
ICAITTW214A	Maintain ethical conduct	10
ICAITAD140A	Design a server	20
ICAITB160A	Build and configure a server	50
		665

ICA51101 Diploma in Information Technology (Project Management)

18 units of competence are required to achieve this unit.

- 16 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSX154L501	Guide Application of Project Integrative Processes	30
BSX154L502	Guide application of scope management	30
BSX154L503	Guide application of time management	30
BSX154L504	Guide application of cost management	30
BSX154L505	Guide application of quality management	30
BSX154L507	Guide application of communications management	20
BSX154L508	Guide application of risk management	30
ICAITAD041B	Determine client business expectations and needs	30
ICAITAD138A	Determine acceptable developers for e-Business projects	30
ICAITAD143A	Implement process re-engineering strategies for e-Business	20
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD150A	Evaluate vendor products and equipment	20
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD155A	Plan process re-engineering strategies for e-Business	30
ICAITS035C	Assist with analysis of emerging technology	40
ICAITTW214A	Maintain ethical conduct	10
BSX154L506	Guide application of human resources management	30
BSX154L509	Guide application of procurement management	30
		490

ICA60101 Advanced Diploma of Information Technology (E-Business Development)

23 units of competence are required to achieve this unit.

- 15 units must be achieved from the Information Technology E-Business Initiative units
- 6 units must be achieved from the IFTP or the FSTP (up to 200 hours)
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSBEBUS501 A	Evaluate e-Business opportunities	60
BSBEBUS503 A	Design an e-Business	60
BSBEBUS504 A	Implement an e-Business strategy	50
BSBEBUS505 A	Implement new technologies for business	60
BSBEBUS510 A	Manage e-Business outsourcing	25
BSBEBUS601 A	Develop an e-Business strategy	30
ICAITAD146A	Develop website information architecture	30
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD149A	Implement quality assurance process for e-Business solutions	30
ICAITAD150A	Evaluate vendor products and equipment	20
ICAITAD152A	Implement risk management processes	20
ICAITI099A	Build an intranet	40
ICAITI187A	Implement change management processes	30
ICAITS203A	Choose a web hosting service	15
ICAITTW214A	Maintain ethical conduct	10
	6 Units from IFTP or FSTP	200
BSBEBUS602 A	Develop an action plan for an e-Business strategy	20
BSBEBUS604 A	Develop a business website strategy	50
		770

ICA60201 Advanced Diploma of Information Technology (E-Business Analyst)

22 units of competence are required to achieve this unit.

- 14 units must be achieved from the Information Technology E-Business Initiative units
- 6 units must be achieved from the IFTP or the FSTP (up to 200 hours)
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSBEBUS605 A	Identify and implement e-Business	20
BSBEBUS609 A	Develop a knowledge management strategy for an e-Business	30
ICAITAD041A	Determine client business expectations and needs	30
ICAITAD138A	Determine acceptable developers for e-Business projects	30
ICAITAD143A	Implement process re-engineering strategies for e-Business	20
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD150A	Evaluate vendor products and equipment	20
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD155A	Plan process re-engineering strategies for e-Business	30
ICAITAD157A	Develop technical requirements for an e-Business solution	30
ICAITAD158A	Translate the business needs into technical requirements	20
ICAITI187A	Implement change management processes	30
ICAITTW214A	Maintain ethical conduct	10
	6 Units from IFTP or FSTP	200
BSBEBUS505 A	Implement new technologies for business	60
BSBEBUS506 A	Plan and develop a business website	50
		650

ICA60301 Advanced Diploma of Information Technology (E-Learning Development)

24 units of competence are required to achieve this unit.

- 22 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package
- Plus the following prerequisites achieved through previous qualifications:
 - ICAITT184A Ensure website usability
 - ICAITT183A Confirm accessibility of website design
 - ICAITU207A Apply a web-authoring tool
 - ICAITB135A Create a simple mark-up language document to specification
- ICAITB137A Produce Basic client side script for dynamic web pages

Unit No	Unit Title	Hours
BSZ406A	Plan a series of training sessions	30
BSZ501A	Analyse competency requirements	40
BSZ502A	Design and establish the training system	40
BSZ503A	Design and establish the assessment system	40
BSZ505A	Evaluate the training and assessment system	40
BSZ506A	Develop assessment procedures	40
BSZ507A	Develop assessment tools	40
BSZ508A	Design training courses	40
CUFMEM06A	Design a multimedia product	50
CUFMEM07A	Apply principles of visual design and communication to the development of a media product	25
CUFMEM08A	Apply principles of instructional design to a media product	40
CUFMEM10A	Design and create a multimedia interface	70
ICAITAD046A	Model preferred system solutions	30
ICAITAD048A	Develop configuration management	40
ICAITAD141A	Design dynamic websites to meet technical requirements	30
ICAITAD149A	Implement quality assurance process for e-Business solutions	30
ICAITB161A	Build a document using extensible mark-up language (XML)	30
ICAITB165A	Create dynamic pages	30
ICAITB180A	Integrate a database with a website	25
ICAITTW214A	Maintain ethical conduct	10
ICAITU205A	Select and employ software and hardware multimedia tools	40
ICAITAD146A	Develop website information architecture	30
CUFMEM11A	Design the navigation for a multimedia project	70
ICAITAD051A	Design client user interface	40
		900

ICA60401 Advanced Diploma of Information Technology (E-Security)

23 units of competence are required to achieve this unit.

- 21 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
ICAITAD043A	Develop and present a feasibility report	30
ICAITAD052A	Design IT security framework	20
ICAITAD053A	Design system security and controls	30
ICAITAD056A	Prepare disaster recovery/contingency plans	40
ICAITAD143A	Implement process re-engineering strategies for e-Business	20
ICAITAD150A	Evaluate vendor products and equipment	20
ICAITAD151A	Gather data to identify business requirements	30
ICAITAD152A	Implement risk management processes	20
ICAITAD155A	Plan process re-engineering strategies for e-Business	30
ICAITB159A	Build a security shield for a network	40
ICAITS118A	Manage system security	50
ICAITS123A	Manage network security	50
ICAITS195A	Ensure dynamic website security	25
ICAITS196A	Implement secure encryption technologies	20
ICAITS202A	Ensure privacy for users	20
ICAITT081A	Perform systems test	30
ICAITTW214 A	Maintain ethical conduct	10
PRSAS01A	Undertake security assessment	10
PRSAS02A	Assess security requirements in complex or high risk environments	10
PRSAS11A	Monitor security risk management plan	50
PRSAS12A	Review security risk management plan	60
ICAITI098A	Install and manage complex networks	60
ICAITI099A	Build an intranet	40
		715

ICA60501 Advanced Diploma of Information Technology (Project Management)

24 units of competence are required to achieve this unit.

- 22 units must be achieved from the Information Technology E-Business Initiative units
- 2 optional units to be chosen from the IFTP or any other endorsed Training Package

Unit No	Unit Title	Hours
BSBEBUS501A	Evaluate e-Commerce business opportunities	20
BSBEBUS503A	Design an e-Business	30
BSBEBUS504A	Implement an e-Business strategy	30
BSBEBUS505A	Implement new technologies for business	20
BSBEBUS510A	Manage e-Business outsourcing	15
BSBEBUS601A	Develop an e-Business strategy	20
BSX154L601	Manage project integration	40
BSX154L602	Manage scope	40
BSX154L603	Manage time	40
BSX154L604	Manage cost	40
BSX154L605	Manage quality	40
BSX154L606	Manage human resources	40
BSX154L607	Manage communications	40
BSX154L608	Manage risk	40
BSX154L609	Manage procurement	40
ICAITAD041A	Determine client business expectations and needs	30
ICAITAD043A	Develop and present a feasibility report	30
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD149A	Implement quality assurance process for e-Business solutions	30
ICAITI187A	Implement change management processes	30
ICAITS035B	Assist with analysis of emerging technology	40
ICAITTW214A	Maintain ethical conduct	10
BSBEBUS609A	Develop a knowledge management strategy for an e-Business	30
ICAITB059A	Contribute to the development of the detailed technical design	60
		775

BSB 30601 Certificate III in e-Business

12 units of competence are required to achieve this unit.

- 5 units must be achieved from the e-Business field
- Minimum 3 units from the Common Business at Certificate Level III.
- 4 units from the Business Services Training Package or any other endorsed Training Package

Code	Title	Hrs
BSBCMN311A (compulsory)	Maintain workplace safety	20
BSBEBUS301A	Locate and retrieve online information	30
BSBEBUS303A	Participate in a virtual community	20
BSBEBUS304A	Buy on line	15
BSBEBUS305A	Sell on line	30
BSBEBUS308A	Keep online business records	40
BSBEBUS309A	Undertake e-learning	40
BSBEBUS310A	Work effectively as an offsite e-worker	40
BSBCMN301A	Exercise initiative in a business environment	20
BSBCMN306A	Produce business documents	60
BSBEBUS401A	Conduct online research	30
BSBEBUS406A	Maintain records in an online environment	50
Hours to qualification		395

BSB41101 Certificate IV in e-Business

10 units of competence are required to achieve this unit.

- 5 units must be achieved from the e-Business field
- Minimum 2 units from the Business Services Training Package
- 3 units from the Business Services Training Package or any other endorsed Training Package

Code	Title	Hrs
BSBSBM402A	Undertake financial planning	50
BSBEBUS402A	Implement e-correspondence policies	20
BSBEBUS403A	Communicate electronically	30
BSBEBUS404A	Trade on line	30
BSBEBUS405A	Conduct online financial transactions	20
BSBSBM404A	Undertake business planning	50
BSBEBUS407A	Maintain the business aspects of a website	60
BSBEBUS408A	Deliver quality customer service on line	60
BSBEBUS409A	Lead and facilitate e-staff	40
BSBEBUS519A	Manage online sales	20
Total Hours to Qualification		380

BSB51101 Diploma in e-Business

8 units of competence are required to achieve this unit.

- 5 units must be achieved from the e-Business field
- 3 units from the Business Services Training Package or any other endorsed Training Package

Code	Title	Hrs
Core Units		
BSBEBUS501A	Evaluate e-Business opportunities	60
BSBEBUS502A	Evaluate e-Business models	60
BSBEBUS503A	Design an e-Business	60
BSBEBUS504A	Implement an e-Business strategy	60
Electives - Marketing		
BSBEBUS507A	Manage the business aspects of a website	40
BSBEBUS508A	Build a virtual community	30
BSBEBUS521A	Plan e-marketing Communications	50
BSBEBUS522A	Conduct e-marketing Communications	50
Electives - Supply Chain Management		
BSBEBUS516A	Manage on line purchasing	30
BSBEBUS517A	Manage on line inventory	30
BSBEBUS518A	Manage an e-Business supply chain	30
BSBEBUS520A	Manage on line payments	20
Electives – Human Resource Management		
BSBCMN411A	Monitor a safe workplace	40
BSBEBUS523A	Investigate and plan e-work business solutions	30
BSBEBUS509A	Implement e-Business outsourcing arrangements	30
BSBEBUS524A	Implement and manage e-working arrangements	30
Electives – Training		
BSBEBUS513A	Plan e-learning	30
BSBEBUS514A	Implement e-learning	30
BSBEBUS515A	Facilitate e-learning	30
BSZ505A	Evaluate the training and assessment system	45
Total Hours		410

BSB60701 Advanced Diploma in e-Business

8 units of competence are required to achieve this unit.

- 5 units must be achieved from the e-Business field
- 3 units from the Business Services Training Package or any other endorsed Training Package

Code	Title	Hrs
Core Units		
BSBEBUS601A	Develop an e-Business strategy	50
BSBEBUS602A	Develop an action plan for an e-Business strategy	50
BSBEBUS604A	Develop a business website strategy	50
BSBEBUS605A	Identify and implement e- business innovation	50
BSBEBUS606A	Manage e-Business risk	60
Electives - Marketing		
BSBEBUS613A	Develop online customer service strategies	40
BSBEBUS614A	Build online customer loyalty	40
BSBEBUS506A	Develop a business website	50
Electives-Knowledge Management		
BSBEBUS608A	Develop and implement online information policy	40
BSBEBUS609A	Develop a knowledge management strategy for an e-Business	40
BSBEBUS511A	Implement a knowledge management strategy for an e- business	40
Electives-Supply Chain Management		
BSBEBUS607A	Develop e-Business outsourcing policy and guidelines	40
BSBEBUS616A	Plan an e-Business supply chain	60
BSBEBUS510A	Manage e-Business outsourcing	30
Electives – Human Resource Management		
BSBEBUS612A	Develop and implement e- work policy and guidelines	30
BSBEBUS610A	Develop electronic communication policy	40
BSBEBUS611A	Develop and implement e- business human resource management policy and practices	40
Total Hours		400

BSB41301 Certificate IV in e-Business Development

14 units of competence are required to achieve this unit.

- 7 units must be achieved from the Business Services Training Package which will include 4 units from the e-Business Specialist Units plus 3 units from elsewhere in the Business Services Training Package
- 7 units from the Information Technology Training Package

Code	Competency	Hrs
BSBEBUS407A	Review and maintain the business aspects of a website	60
BSBEBUS408A	Implement and monitor delivery of quality customer service on line	60
BSBEBUS406A	Monitor and maintain records in an online environment	50
BSBEBUS404A	Trade on line	30
BSBEBUS402A	Implement e-correspondence policies	20
BSBEBUS405A	Conduct online financial transactions	20
BSBEBUS409A	Lead and facilitate e-staff	40
ICAITS191A	Maintain web site performance	30
ICAITS200A	Monitor traffic and compile specified site traffic reports	15
ICAITT183A	Confirm accessibility of web site design	10
ICAITS119B	Monitor and administer system security	30
ICAITS108B	Complete database backup and recovery	30
ICAITS108B	Complete database backup and recovery	30
ICAITS194A	Ensure basic web site security	20
	Total hours to qualification	445

BSB51201 Diploma of Strategic e-Business Development

12 units of competence are required to achieve this unit.

- 6 units must be achieved from the Business Services Training Package which will include 4 units from the e-Business Specialist Units plus 2 units from elsewhere in the Business Services Training Package
- 6 units from the Information Technology Training Package

Code	Competency	Hrs
BSBEBUS501A	Evaluate e-Business opportunities	60
BSBEBUS506A	Plan and develop a business website	50
BSBEBUS503A	Design an e-Business	60
BSBFLM510A	Facilitate and capitalise on change and innovation	30
BSBEBUS504A	Implement an e-Business strategy	60
BSBEBUS509A	Implement e-Business outsourcing arrangements	30
BSBEBUS502A	Evaluate e-Business models	60

BSBEBUS505A	Implement new technologies for business	60
ICAITAD138A	Determine acceptable developers for e-Business projects	30
ICAITAD150A	Evaluate Vendor Products and Equipment	20
ICAITAD152A	Implement risk management processes	20
ICAITTW214A	Maintain ethical conduct	10
	Total hours to qualification	490

BSB51301 Diploma of e-learning

12 units of competence are required to achieve this unit.

- 6 units must be achieved from the Business Services Training Package which will include 4 units from the e-Business Specialist Units plus 2 units from elsewhere in the Business Services Training Package
- 6 units from the Information Technology Training Package

Code	Competency	Hrs
BSBEBUS513A	Plan e-learning	30
BSBEBUS514A	Implement e-learning*	30
BSBEBUS515A	Facilitate e-learning*	30
BSBEBUS508A	Build a virtual community	30
BSBEBUS512A	Implement electronic communication policy	30
BSBEBUS506A	Plan and develop a business website	50
BSBEBUS507A	Manage the business aspects of a website	40
ICAITS202A	Ensure privacy for users	20
CULLB412A	Undertake cataloguing activities	15
CUFMEM08A	Apply principles of instructional design to a media product	40
ICAITAD150A	Evaluate Vendor Products and Equipment	20
ICAITAD146A	Develop web site information architecture	30
	Total hours to qualification	365

BSB60801 Advanced Diploma of Strategic E-Business Development

12 units of competence are required to achieve this unit.

- 6 units must be achieved from the Business Services Training Package which will include 4 units from the e-Business Specialist Units plus 2 units from elsewhere in the Business Services Training Package
- 6 units from the Information Technology Training Package

Code	Competency	Hrs
BSBEBUS601A	Develop an e-Business strategy	50
BSBEBUS602A	Develop an action plan for an e-Business strategy	50
BSBEBUS609A	Develop a knowledge management strategy for an e-Business	40
BSBEBUS605A	Identify and implement e-Business innovation	50
BSBEBUS613A	Develop online customer service strategies	40
BSBEBUS614A	Build online customer loyalty	40
ICAITAD148A	Identify new technology models for e-Business	20
ICAITAD149A	Implement quality assurance process for e-Commerce solutions	30
ICAITAD152A	Implement risk management processes	20
ICAITSP039B	Match the IT needs with the strategic direction of the enterprise	20
ICAITAD043A	Develop and present a feasibility report	30
ICAITB059A	Develop detailed technical design	60
	Total hours to qualification	450

Mapping of Existing Modules against TP Units of Competence

The following tables outline a mapping of new units of competence within the Training Package and the existing national modules from current courses.

The mapping should be viewed as a best-fit guide only and sets out to give some indication of overlap between existing modules and new units of competence. The overlap of competencies does not necessarily refer to the whole unit. The mapping should also give a guide as to where existing resources may be effectively utilised within the new Training Package. Please refer to the competency standards for clarification.

Some new units of competence do not directly relate to existing modules.

Unit Code Unit Title	Nom Hours	Relevant Module(s) – Guide only
Business Services Training Package – e-Business		
BSBEBUS406A Maintain records in an on-line environment	50	
BSBEBUS408A Implement and monitor delivery of quality customer service on-line	60	69174 Coordinate business process innovation for the online environment
BSBEBUS501A Evaluate e-Commerce business opportunities	60	69171 Participate in business process innovation for the online environment 69423 Introduction to Electronic Commerce 69425 Conducting Business through E-Commerce 15506 Accounting for Non-Accountants
BSBEBUS502A Evaluate E-Business Models	60	69423 Introduction to Electronic Commerce 69425 Conducting Business through E-Commerce
BSBEBUS503A Design an e-Business	60	69425 Conducting Business through E-Commerce 15506 Accounting for Non-Accountants
BSBEBUS504A Implement an e-Business strategy	60	69174 Coordinate business process innovation for the online environment 69425 Conducting Business through E-Commerce 15506 Accounting for Non-Accountants 17900 Marketing Fundamentals 69423 Introduction to E-Marketing 69435 Business to Consumer E-Commerce
BSBEBUS505A Implement new technologies for business	60	69174 Coordinate business process innovation for the online environment

BSBEBUS506A Develop a Business Website	50	69376 Webpage Design 69375 Native HTML Scripting
BSBEBUS508A Build a virtual community	30	
BSBEBUS509A Implement e-Business outsourcing arrangements	30	69435 Business to Consumer E-Commerce
BSBEBUS510A Manage e-Business outsourcing	30	69424 Project Management for E-Commerce
BSBEBUS511A Implement a knowledge management strategy for an e-Business	40	
BSBEBUS512A Implement electronic communication policy	30	
BSBEBUS516A Manage Online Purchasing	30	69436 Business-To-Business E-Commerce
BSBEBUS518A Manage e-Business supply chain	30	69436 Business-To-Business E-Commerce
BSBEGUS519A Manage Online Sales Systems	20	
BSBEBUS520A Manage Online Payments	20	69428 E-Commerce Payment Systems
BSBEBUS521A Plan e-Marketing Communications	50	17900 Marketing Fundamentals 69423 Introduction to E-Marketing
BSBEBUS522A Conduct e-Marketing Communications	50	17900 Marketing Fundamentals 69423 Introduction to E-Marketing
BSBEBUS523A Investigate and Plan e-Work Business Solutions	30	69424 Project Management for E-Commerce
BSBEBUS601A Develop an e-Business strategy	50	69175 Develop a web strategy for an organisation/enterprise 69432 Strategic Planning and Management for E-Commerce
BSBEBUS602A Develop an action plan for an e-Business strategy	50	69432 Strategic Planning and Management for E-Commerce 69426 E-Commerce Legal, Security and Policy Issues
BSBEBUS604A Develop a business website strategy	50	69175 Develop a web strategy for an organisation/enterprise 69376 Web Page Design
BSBEBUS605A Identify and implement e-Business	50	69171 Participate in business process innovation for the online environment 69433 Business Innovation through E-Commerce
BSBEBUS606A Manage e-Business Risk	60	69427 E-Commerce Internal Risk Management Issues 69434 E-Commerce Technical Aspects of Security

BSBEBUS607A Develop e-Business Outsourcing Policy and Guidelines	40	69429 E-Commerce Customer Service
BSBEBUS609A Develop a knowledge management strategy for an e-Business	40	69174 Coordinate business process innovation for the online environment 69431 Information and Knowledge Management
BSBEBUS613A Develop Online Customer Service Strategies	40	69430 Electronic Service Delivery
BSBEBUS614A Build Online Customer Loyalty	40	69435 Business to Consumer E-Commerce
BSBEBUS616A Plan an e-Business supply chain	60	69436 Business to Business E-Commerce
Business Services Training Package – Project Management		
BSX154L404 Apply Skills in Cost Management	40	
BSX154L501 Guide Application of Project Integrative Processes	20	
BSX154L502 Guide application of scope management	30	
BSX154L503 Guide application of time management	30	
BSX154L504 Guide application of cost management	30	
BSX154L505 Guide application of quality management	30	
BSX154L507 Guide application of communications management	30	
BSX154L508 Guide application of risk management	30	
BSX154L601 Manage project integration	30	
BSX154L602 Manage scope	30	
BSX154L603 Manage time	20	
BSX154L604 Manage cost	30	
BSX154L605 Manage quality	30	
BSX154L606 Manage human resources	40	

BSX154L607 Manage communications	40	
BSX154L608 Manage risk	40	
BSX154L609 Manage procurement	40	
Business Services Training Package		
BSZ406A Plan a series of training sessions	30	
BSZ501A Analyse competency requirements	40	
BSZ502A Design and establish the training system	40	
BSZ503A Design and establish the assessment system	40	
BSZ505A Evaluate the training and assessment system	40	
BSZ506A Develop assessment procedures	40	
BSZ507A Develop assessment tools	40	
BSZ508A Design training courses	40	
Film TV and Multimedia Training Package		
CUFMEM06A Design a multimedia product	75	
CUFMEM07A Apply principles of visual design and communication to the development of a media product	100	
CUFMEM08A Apply principles of instructional design to a media product	50	
CUFMEM10A Design and create a multimedia interface	25	
CUFMEM11A Design the navigation for a multimedia project	40	
CUFIMA01A Create and capture digital images	70	
CUFIMA04A Create 3D digital animation	70	
CUFIMA05A Create 3D digital models and images	15	

Museum and Library Services Training Package		
CULLB412A Undertake cataloguing activities	20	
Information Technology Training Package – e-Business Initiative		
ICAITAD041A Determine client business expectations and needs	30	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITAD042A Confirm client business needs	20	
ICAITAD043A Develop and present a feasibility report	30	
ICAITAD044A Develop system infrastructure design plan	40	
ICAITAD045A Produce network/ communication design	30	
ICAITAD046A Model preferred system solutions	30	
ICAITAD047A Determine specifications for the project	20	
ICAITAD048A Develop configuration management	40	
ICAITAD050A Develop detailed component specification from project specification	60	
ICAITAD051A Design client user interface	40	
ICAITAD052A Design IT security framework	40	
ICAITAD053A Design system security and controls	20	
ICAITAD056A Prepare disaster recovery/contingency plans	30	
ICAITAD057A Manage a reuse library	20	
ICAITAD058A Apply skills in object oriented design	10	
ICAITAD138A Determine acceptable developers for e-Business projects	40	
ICAITAD139A Design a database	20	ITI3417 Relational databases – physical design

ICAITAD140A Design a server	40	ITH501 Selection & installation of Operating systems
ICAITAD141A Design dynamic websites to meet technical requirements	30	69173 Organise & manage publishing information for the web
ICAITAD142A Design a website to meet technical requirements	50	69176 Plan & coordinate website structure and layout
ICAITAD143A Implement process re-engineering strategies for e-Business	20	69174 Coordinate business process innovation for the online environment
ICAITAD144A Determine best fit topology for a local network	30	ITG502 Local Area Networks – specification & selection
ICAITAD145A Identify best fit topology for WAN network	40	ITG504 Wide Area Networking
ICAITAD146A Develop website information architecture	20	69176 Plan & coordinate website structure and layout
ICAITAD147A Determine that database functionality and scalability suit business requirements	20	Nil
ICAITAD148A Identify new technology models for e-Business	20	69171 Participate in business process innovation for the online environment
ICAITAD149A Implement quality assurance process for e-Business solutions	30	ITD505 Quality assurance in Information Technology
ICAITAD150A Evaluate vendor products and equipment	30	ITE402 Hardware/software selection & purchasing
ICAITAD151A Gather data to identify business requirements	20	ITB408 System development – prelim investigation & systems analysis ITB411 Information Gathering Methods ITB412 System survey techniques ITB413 System Evaluation & Feasibility analysis ITB415 User needs analysis
ICAITAD152A Implement risk management processes	30	Nil
ICAITAD153A Model data objects	20	ITB417 Relational Databases – Physical Design
ICAITAD154A Model data processes	30	ITB407 Systems development models
ICAITAD155A Plan process re-engineering strategies for e-Business	20	69174 Coordinate business process innovation for the online environment

ICAITAD156A Review and plan for risk to e-Business solution providers	30	Nil
ICAITAD157A Develop technical requirements for an e-Business solution	30	69171 Participate in business process innovation for the online environment 69174 Coordinate business process innovation for the online environment 69175 Develop a web strategy for an organisation/enterprise
ICAITAD158A Translate the business needs into technical requirements	30	ITB415 User needs analysis 69174 Coordinate business process innovation for the online environment 69175 Develop a web strategy for an organisation/enterprise
Build IT Solutions		
ICAITB059A Contribute to the development of the detailed technical design	60	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITB060A Identify physical database requirements	40	
ICAITB061A Monitor physical database implementation	40	
ICAITB064A Prepare software development review	15	
ICAITB064A Prepare software development review	5	
ICAITB069A Develop software	30	
ICAITB070B Create code for applications	5	
ICAITB074A Monitor the system pilot	5	
ICAITB075A Use a library or pre-existing components	30	ITA512 Commercial programming techniques – libraries and modules
ICAITB076A Implement configuration management	40	Nil
ICAITB135A Create a simple mark-up language document to specification	280	69375 Native HTML Scripting
ICAITB136A Use SQL to create database structures and manipulate data	200	ITA414 4GL Programming 1 ITA415 4GL Programming 2

ICAITB137A Produce basic client side script for dynamic web pages	10	69394 Web Page Scripting
ICAITB159A Build a security shield for a network	10	ITD511 Software and Data security
ICAITB160A Build and configure a server	30	ITE402 Hardware/software selection & purchasing ITH409 Management of Multi user systems ITH501 Selection & installation of Operating systems ITH502 Implementation of multi user systems
ICAITB161A Build a document using extensible mark-up language (XML)	30	69177 Intro to XML
ICAITB162A Configure a payment gateway	40	Nil
ICAITB163A Create a Common Gateway Interface (CGI) script	20	69412 CGI Programming
ICAITB164A Create a data warehouse	20	Nil
ICAITB165A Create dynamic pages	60	69179 Introduction to Active Server Pages (ASP)
ICAITB166A Create utility programs	40	69410 Shell Programming (UNIX/LINUX)
ICAITB168A Compile and run an application	40	69416 Introduction to programming in Perl
ICAITB169A Use development software & IT tools to build a basic website to specification	50	Nil
ICAITB170A Build a database	30	ITB402 Relation database – logical design ITB417 Relational database – physical design
ICAITB171A Develop Cascading Style Sheets (CSS)	30	69414 Dynamic HTML
ICAITB172A Install Asynchronous Transfer Mode (ATM) LAN	40	ITG302 Installing & managing a Peer-to-Peer network ITG401 Data Communications Applications
ICAITB173A Install intelligent hub	30	ITG402 Data Communications Networks
ICAITB174A Install network bridges/switches	30	ITG403 Introduction to Local Area Networks
ICAITB175A Select and Install a router	60	ITG501 Local Area Networks – installation & management

ICAITB176A Install and configure router	60	ITG502 Local Area Networks – specification & selection ITG503 Protocols and software considerations ITG504 Wide Area Networking 69398 Principles of Data Communications & Networks
ICAITB177A Build Java applets	20	ITA519 Object Oriented Program Design ITA520 Introduction to Object Oriented Programming ITA521 Object Oriented Programming in a GUI Environment
ICAITB178A Build a Graphical User Interface (GUI)	30	ITA413 Introduction to Programming with an Application Frame work ITA501 Programming with an Application Framework ITA521 Object Oriented Programming in a GUI Environment
ICAITB179A Build decks using wireless mark-up language (WML)	20	Nil
ICAITB180A Integrate a database with a website	40	69179 Introduction to Active Server Pages (ASP)
ICAITB181A Write and document program modules	10	ITA519 Object Oriented Program Design ITA520 Introduction to Object Oriented Programming ITA521 Object Oriented Programming in a GUI Environment
ICAITB182A Write and compile code based on requirements	10	ITA519 Object Oriented Program Design ITA520 Introduction to Object Oriented Programming ITA521 Object Oriented Programming in a GUI Environment
ICAITB210A Analyse information and assign meta-tags	15	Nil
ICAITB212A Implement quality assurance process for websites	20	ITD505 Quality assurance in Information Technology
ICAITD003B Receive and process oral and written communication	20	
ICAITD128A Create user and technical documentation	40	
ICAITD209A Writing for the World Wide Web	30	69173 Organise & manage publishing information for the web
ICAITD210A Prepare technical documentation	20	

ICAITI086A Scope implementation requirements	5	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITI087A Acquire system components	10	
ICAITI088A Evaluate and negotiate vendor offerings	30	
ICAITI089A Implement and hand over system components	20	
ICAITI090A Conduct pre-installation audit for software installation	20	
ICAITI091A Conduct post implementation review	20	
ICAITI092A Document operational procedures	20	
ICAITI093A Prepare structured training for clients	10	
ICAITI094A Deliver structured training for clients	30	
ICAITI095A Review structured training for clients	10	
ICAITI096A Complete data transition	30	
ICAITI097A Install and configure a network	40	ITG401 Data Communications Applications ITG402 Data Communications Networks ITG403 Introduction to Local Area Networks ITG501 Local Area Networks – installation & management ITG502 Local Area Networks – specification & selection ITG503 Protocols and software considerations ITG504 Wide Area Networking 69398 Principles of Data Communications & Networks
ICAITI098A Install and manage complex networks	60	
ICAITI099A Build an intranet	40	
ICAITI100A Build an Internet infrastructure	60	
ICAITI101A Install and manage network protocols	40	
ICAITI187A Implement change management processes	30	
ICAITI188A Install and maintain a server	30	
ICAITI189A Ensure website content meets appropriate technical protocols & standards	20	ITH409 Management of Multi user systems ITH502 Implementation of multi user systems

ICAITI190A Maintain information standards	30	Nil
ICAITI212A Monitor and improve new or existing knowledge management system	20	Nil
ICAITS008B Maintain equipment/software inventory	20	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITS009B Interact with clients	20	
ICAITS010B Apply problem solving techniques to achieve organisation goals	20	
ICAITS014B Connect hardware peripherals	30	
ICAITS015B Install software applications	20	
ICAITS017B Maintain system integrity	20	
ICAITS020B Install and optimise system software	20	
ICAITS021B Connect internal hardware components	40	
ICAITS022B Determine client computing problems and action	30	
ICAITS023B Provide one to one instruction	40	
ICAITS024B Provide basic system administration	20	
ICAITS025B Run standard diagnostic tests	40	
ICAITS029B Install network hardware to a network	20	
ICAITS030B Install software to networked computers	30	
ICAITS031B Provide advice to clients	30	
ICAITS032B Provide network systems administration	30	
ICAITS033B Assist with policy development for client support procedures	20	

ICAITS034B Determine and action network problem	40
ICAITS035B Assist with analysis of emerging technology	30
ICAITS102A Establish and maintain client user liaison	40
ICAITS103A Establish and maintain client-user liaison during support activity	20
ICAITS104A Determine maintenance strategy	20
ICAITS105A Coordinate change requests	50
ICAITS106A Action and complete change requests	20
ICAITS108A Complete database backup and recovery	60
ICAITS110A Implement system software changes	30
ICAITS111A Manage and review delivery of maintenance services	30
ICAITS112B Optimise system performance	20
ICAITS113B Identify and resolve common database performance problems	30
ICAITS114A Implement maintenance procedures	40
ICAITS115A Maintain equipment and software in working order	30
ICAITS116A Undertake capacity planning	30
ICAITS117A Maintain custom software	10
ICAITS118A Manage system security	40
ICAITS119A Monitor and administer systems security	50
ICAITS121A Administer network peripherals	40

ICAITS122A Troubleshoot and resolve network problems	50	
ICAITS123A Manage network security	30	
ICAITS124A Monitor and administer network security	50	
ICAITS125A Monitor and administer a database	20	
ICAITS191A Maintain website performance	30	
ICAITS192A Configure an Internet gateway	50	69393 Internet server administration
ICAITS193A Connect a workstation to the Internet	20	69373 Internet basics
ICAITS194A Ensure basic website security	40	Nil
ICAITS195A Ensure dynamic website security	30	69434 e-Commerce technical aspects of security
ICAITS196A Implement secure encryption technologies	20	69179 Intro to Active Server Pages 69416 Intro to Programming in Perl 69412 CGI Programming
ICAITS197A Install and maintain valid authentication processes	10	
ICAITS198A Develop guidelines for updating and loading information to a website	25	
ICAITS199A Manage e-Business websites	20	69172 Provide basic website administration & maintenance
ICAITS200A Monitor traffic and compile specified site traffic reports	25	Nil
ICAITS201A Transfer content to a website using commercial packages	20	69172 Provide basic website administration & maintenance
ICAITS202A Ensure privacy for users	30	69373 Internet basics
ICAITS203A Choose a web hosting service	15	69172 Provide basic website administration & maintenance 69373 Internet basics
ICAITS206A Check site security	20	69434 e-Commerce technical aspects of security 69179 Intro to Active Server Pages 69416 Intro to Programming in Perl 69412 CGI Programming

ICAITSP036A Assist in ensuring that IT strategy meets business solution requirements	30	Nil
ICAITSP037A Contribute to the development of a strategy plan	20	Nil
ICAITSP038A Set strategic plans	20	Nil
ICAITSP039A Match the IT needs with the strategic direction of the enterprise	20	Nil
ICAITSP040A Manage and review contracts	20	Nil
ICAITT077A Develop detailed test plan	30	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITT078A Perform unit test	30	
ICAITT079A Perform integration test	30	
ICAITT080A Perform specific unit test for OO class	30	
ICAITT081A Perform systems test	30	
ICAITT082A Manage the testing process	20	
ICAITT083A Develop and conduct client acceptance test	20	
ICAITT084A Perform stress and loading test of integrated platform	20	
ICAITT183A Confirm accessibility of website design	10	
ICAITT184A Ensure site usability	15	
ICAITT185A Validate basic website performance	20	
ICAITT186A Conduct operational acceptance tests of websites	20	
ICAITTW001B Work effectively in an Information Technology environment	40	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITTW002B Communicate in the workplace	20	

ICAITW026B Co-ordinate and maintain work teams	40	
ICAITW214A Maintain ethical conduct	10	69381 Legal & moral issues in web publishing
ICAITU004B Apply Occupational Health and Safety procedures	20	See Western Australian Implementation Guide – Information Technology Training Package December 1999
ICAITU005C Operate computer hardware	40	
ICAITU128A Operate a personal computer	15	ITH401 Using a personal computer ITH303 Installing & managing a GUI
ICAITU129A Operate a word processing application	15	ITF201 Basic operations – Word processing ITF304 Advanced operations – Word Processing
ICAITU133A Send and retrieve information over the Internet using browsers and email	15	69393 Internet basics
ICAITU204A Locate and evaluate on-line information	10	
ICAITU205A Select and employ software and hardware multimedia tools	40	ITE402 Hardware/software selection & purchasing
ICAITU207A Apply web authoring tool to convert client data	20	69375 Native HTML Scripting
ICAITU208A Use site server tools for e-Business	20	Nil
ICAITU213A Conduct online transactions	30	Nil
PRAS01A Undertake security assessment	50	Nil
PRAS02A Assess security requirements in complex or high risk environments	10	Nil
PRAS03A Specify and configure security system	10	Nil
PRAS11A Monitor security risk management plan	30	Nil
PRAS12A Review security risk management plan	50	Nil

Mapping of Existing Apprenticeship/Traineeship Qualifications against TP Qualifications

There are no current Apprenticeship or Traineeship Qualifications.