Student Program Information 2019

Diploma of Website Development (ICT50615)

There are a number of possible study plans with the recommended Diploma study plan having the following key features:

> The recommended study plan will take a new student with no previous website development experience 18 months to complete

> An **industry-based project** is included in the Diploma of Website Development. You are required to self-source a suitable work based project in a real industry workplace which will then be supported through the TAFE SA Work Experience program. A simulated business will be used for the project if a suitable workplace project cannot be self-sourced.

> There is a focus on **mobile website development** using Bootstrap, Windows Azure, WordPress, HTML5, CSS 3 and JavaScript to create and host mobile websites for tablets and mobile phones.

> There is an increased focus on website programming using **javascript**, **jQuery** and **ASP.Net/XML** programming.

> A focus on the development of websites and website content using the **Adobe Creative Cloud Suite** including, Photoshop and Premiere Pro.

> A focus on dynamic and e-commerce website development using **PHP** and Database Development using **MySQL** and Search Engine Optimisation.

Subsidised Training

> You may be eligible for government subsidised training based on your employment and training level.

> For full details, including visa eligibility, please see the Skills SA website

> While this course may attract government subsidies, there may also be upfront fees, depending on any required underpinning knowledge and skills.

> **ALL STUDENTS, IRRESPECTIVE OF PREVIOUS STUDIES, WILL BE REQUIRE TO DO THE CORE SKILLS PROFILE FOR ADULTS (CSPA) BEFORE THEY ARE ELIGIBLE FOR GOVERNMENT SUBSIDY.**

IT Studies Subjects

This qualification is from the National Training Package ICT - Information and Communications Technology that is developed by the Commonwealth Government. TAFE SA IT Studies clusters related competencies in the Training Package into subjects. The information below refers to the TAFE SA IT Studies subjects and outlines the competencies that makes up those subjects. Delivery and assessment for the subjects will be done holistically so you will be awarded the same result for all competencies taught in that subject. Your final official results will refer to the competencies listed below.

Student Program Information 2019

Assumed Skills and Knowledge

This is not an entry level qualification. There are assumed skills and knowledge that are required to commence at the Diploma level. If you do not have these assumed skills and knowledge you should consider doing the lower level Certificates or at least the subjects listed below from those levels. These could have been gained in a number of ways:

> Completed the Certificate IV in Web-Based Technologies (ICT40315); or

> Other study equivalent to it (refer to the table below); or

> Have work experience and knowledge equivalent to it (refer to the table below).

If you do not have these assumed skills and knowledge you will need to use a study plan that contains subjects listed or do the qualification listed above. If you need to complete all of these assumed skills you would be adding another year of study.

These are PARTIALLY eligible for subsidised training

Subject	Description
4HTML5	This subject covers the usage and integration of HTML5 and CSS 3. Students will create an interactive website from scratch by coding using the technologies mentioned above. The final website will be transferred to a web server using FileZilla.
4WAU	This subject focuses on Website Accessibility and Website Usability. This aims to ensure that a website is accessible to users with special needs, including people with auditory, visual, mobility and cognitive impairments, and those people who use assistive technology to access web content.
4PHP	This subject involves producing basic server-side scripts for dynamic web pages with database integration using PHP and MySQL.
4DBB	This subject is designed to provide you with the basic skills necessary to design and implement a relational database using MySQL. These databases are now used extensively as a "backend" for websites that are content-rich and constantly changing.
4DWR	This subject examines numerous ways of determining client business requirements and verifying the accuracy of the information gathered. Using this information design a website to specifications within a particular technical and human interface environment. This subject will also cover the evaluation and selection of an appropriate web hosting services for current and future business needs.
4JSB	This subject will cover the basic syntax of JavaScript and enable you to automate client side validation of data on a web page form. The use of functions is explored and updating html elements by ID.
3PRB	This subject introduces the programming constructs of sequence, selection and iteration, array handling and file processing using Python.
4CMS	This subject covers the usage and integration of HTML5 & CSS 3 using WordPress a CMS (Content Management System). Students will create an interactive website to a given specification using an authoring tool by coding using the technologies mentioned above.

Student Program Information 2019

Required Competencies

Diploma of Website Development

National Code: ICT50615 TAFE SA Code: TP00749

This table shows you the competencies that you must have on your academic record in order to achieve this qualification and the IT subjects you would complete.

IT Studies Subject	National Code	Unit Name	Assumed Knowledge and Skills
Business Continuity			
4CEP	**Copyright, Ethics and Privacy**		
	ICTICT418	Contribute to copyright, ethics and privacy in an IT environment	N/A
5WHSM	**Workplace Health and Safety Management**		
	BSBWHS501	Ensure a safe workplace	N/A
Website Administration			
4SEO	**Search Engine Optimisation**		
	ICTWEB510	Analyse information and assign meta-tags	N/A
5AWT	**Acceptance and Website Testing**		
	ICTSAS503	Perform systems tests	4DWR, 4HTML5, 4WAU
	ICTSAS504	Develop and conduct client acceptance test	
Digital Media and Emerging Technologies			
5MWD	**Mobile Website Development**		
	ICTWEB516	Research and apply emerging web technology trends	4HTML5, 3PRB, 4JSB, 4WAP
	ICTWEB505	Develop complex web page layouts	
	ICTWEB506	Develop complex cascading style sheets	
5DIW	**Digital Images for the Web (Photoshop)**		
	CUADIG405	Produce innovative digital images	N/A
5DVE	**Digital Video Editing (Adobe Premiere Pro)**		
	ICTDMT501	Incorporate and edit digital video	N/A
Web Programming			
4WAP	**Website Authoring and Programming (including jQuery and WordPress)**		
	ICTWEB411	Produce basic client side script for dynamic web pages	4HTML5,4JSB
5EWD	**E-Commerce Website Development**		
	ICTWEB502	Create dynamic web pages	4HTML5, 3PRB,4JSB, 4DBB, 4DWR, 4PHP
	ICTDBS504	Integrate database with a website	
	ICTWEB509	Use site server tools for transaction management	

tafesa.edu.au
CRICOS Provider Code: 00092B - RTO Code: 41026
CRICOS Course Code: 088904K
Program_Information_ICT50615_WD_Dip_190520

Diploma of Website Development 2019

3

5JSI	**JavaScript Intermediate (HTML5 canvas, JavaScript Programming, jQuery)**		
	ICTWEB501	Build a dynamic website	4HTML5, 4JSB
	ICTPRG418	Apply intermediate programming skills in another language	
5DWS	**Develop Web Services (ASP.Net and XML Programming)**		
	ICTWEB503	Create web-based programs	4WAP,4PHP, <u>5EWD</u>
ICT Project Management			
5MITP	**Manage ICT Projects**		
	ICTPMG501	Manage ICT Projects	
Website Development Vocational Placement			
5WORK	**Workplace Project (4 week placement or team-based project)**		
	ICTICT515	Verify client business requirements	42DA, 4DWR, 4PHP, 4WAP, 4DBB, 4WAU, 4SEO, 5DIW, 5MWD, 5EWD
	ICTWEB508	Develop website information architecture	

Legend: Underline: Co-requisite/Optional required underpinning skill

tafesa.edu.au
CRICOS Provider Code: 00092B - RTO Code: 41026
CRICOS Course Code: 088904K
Program_Information_ICT50615_WD_Dip_190520

Diploma of Website Development 2019

4

Student Program Information 2019

Subject Descriptions

Subject	Description
4CEP	This subject involves maintaining professional and ethical conduct as well as to ensure that personal information of stakeholders is handled in a confidential and professional manner when dealing with stakeholders in an information technology (IT) environment.
4WAP	This subject covers two major areas: The use of CSS and Javascript frameworks such as UIKIT and jQuery to assist in web site creation and the use of JavaScript to validate user input on HTML forms.
4SEO	This subject involves researching and implementing various Search Engine Optimisation techniques and developing a strategic approach for marketing a website. This also involves analysing material and assigning meta-tags to ensure the accurate and consistent retrieval of information by users and search engines.
5MWD	This subject covers the use of Advanced HTML5 and CSS 3 to create website layouts specifically for mobile devices. It focuses on the current trends in non-platform specific mobile applications and utilises Bootstrap, Windows Azure, WordPress, HTML5, CSS 3 and JavaScript to create and host mobile websites.
5AWT	This subject involves conducting website testing to ensure that all of the properties or functions of the entire website are determined to be adequate before handover to the client or final acceptance testing.
5DVE	This subject involves capturing a digital video image and manipulating the video in specific ways Using Adobe Premiere Pro.
5DWS	This subject builds the skills and knowledge required to develop web applications and services using ASP.Net and XML.
5WHSM	This subject involves establishing, maintaining and evaluating the organisation's occupational health and safety (OHS) policies, procedures and programs in the relevant work area in accordance with OHS legal requirements.
5JSI	This subject builds the intermediate level skills and knowledge of Javascript, and Javascript libraries, to manipulate and animate elements in a webpage, including the use of the HTML5 Canvas.
5DIW	This subject covers the path from taking a digital image, downloading it and then manipulating that image to meet requirements. It examines the qualities of digital cameras, how to photograph images, and then using Adobe Photoshop CC to manipulate those images to be used in a variety of applications, such as online media and print media.
5EWD	This subject involves the design and development of e-Commerce based websites with shopping carts and payment systems, and utilising technologies such as AJAX, Apache, PHP, MySQL etc.
5MITP	This subject will cover the project management aspects of developing a team-based project. The subject is completed in groups and focuses on complex aspects of IT Project Management from initiation, implementation and completion of a project, software metrics including error categorisation and analysis and defect removal efficiency; business continuity including determining and protecting critical systems and identifying recovery methodology processes.
5WORK	A workplace project involves originating and developing information architecture concepts for complex websites to meet the current and future business requirements to an operational level. This will involve dealing with internal and external clients at a senior level to identify their business requirements and verify the accuracy of the information gathered for web development projects. A simulated business will be used for the project if a suitable workplace project cannot be self-sourced.

Student Program Information 2019

**TAFE SA Study Plan for Full-Time Students
who do not have the assumed skills and Knowledge with no Early Exit
Qualifications (18 Month Diploma) WD5AS**

I am interested in achieving the Diploma of Website Development (ICT50615) but also:

> Would like to keep the cost of achieving the Diploma to a minimum.

> Understand that I need to pay for the assumed skills and knowledge component.

> I am **NOT** concerned with having early exit options such as the Certificate III or Certificate IV.

The following table shows the recommended study plan for the Diploma of Website Development with **no early exit qualifications**. Each stage is one Semester (or 6 months) in length for Full-Time students*.

Stage 1 WD5AS11		Stage 2 WD5AS21		Stage 3 WD5AS31	
Semester		**Semester**		**Semester**	
4CMS (2) 5DIW (2) 5DVE (2) Practical (8)		4WAP (2) 4PHP (2) 4DBB (2) 5JSI (2) 5WORK (2) Practical (6)		5MWD (2) 5DWS (2) 5EWD (2) 5MITP (2) 5WORK continued (2) Practical (8)	
Term 1	**Term 2**	**Term 1**	**Term 2**	**Term 1**	**Term 2**
4HTML5 (2) 3PRB (2) 4CEP (2)	4WAU (2) 4JSB (2) 5WHSM^ (2)	4SEO (2)	4DWR (2)	5AWT (2)	
(18)	(18)	(18)	(18)	(18)	(20)
Exit Qualifications					
No exit qualification after this Stage		No exit qualification after this Stage		Exit with the ***Diploma of Website Development***	

Please Note: This program structure is subject to change.

Legend:

^ These subjects are delivered in an external/online mode. Some other subjects maybe available in an external/online or blended delivery mode please check this with your lecturer at time of registration.

( ) The number in brackets after the subject is the indicative number of contact hours per week that you expect to study at a TAFE SA campus for that subject.

Practical additional sessions to complete subject activities, assignments and tests.

Note: The study plan is for a full-time student with class-attendance. This is usually between 16-18 hours a week of attendance. Your local campus may offer the subject in a variety of formats including online, multi-subject, self-paced etc. The length of time for Part-Time students will depend on the number of subjects studied in each semester.

Student Program Information 2019

**TAFE SA Study Plan for Full-Time Students
with the Assumed skills and Knowledge (12 Month Diploma) WD5XS**

The following table shows the recommended study plan for the Diploma of Website Development where students meet the assumed skills and knowledge. Each stage is one Semester (or 6 months) in length for Full-Time students*.

Stage 1 WD5XS11		Stage 2 WD5XS21	
Semester		**Semester**	
5DIW (2) 4WAP (2) 5DVE (2) 5JSI (2) 5WORK (2) Practical (6)		5MWD (2) 5DWS (2) 5EWD (2) 5MITP (2) 5WORK continued (2) Practical (6)	
Term 1	**Term 2**	**Term 1**	**Term 2**
4SEO (2) 4CEP (2)	5WHSM^ (2)	5AWT (2)	
(20)	(18)	(18)	(16)
Exit Qualifications			
No exit qualification after this Stage		Exit with the ***Diploma of Website Development***	

Please Note: This program structure is subject to change.

Legend:

^ These subjects are delivered in an external/online mode. Some other subjects maybe available in an external/online or blended delivery mode please check this with your lecturer at time of registration.

( ) The number in brackets after the subject is the indicative number of contact hours per week that you expect to study at a TAFE SA campus for that subject.

Practical additional sessions to complete subject activities, assignments and tests.

Note: The study plan is for a full-time student with class-attendance. This is usually between 16-21 hours a week of attendance. Your local campus may offer the subject in a variety of formats including online, multi-subject, self-paced etc. The length of time for Part-Time students will depend on the number of subjects studied in each semester.

tafesa.edu.au
CRICOS Provider Code: 00092B - RTO Code: 41026
CRICOS Course Code: 088904K
Program_Information_ICT50615_WD_Dip_190520

Diploma of Website Development 2019

7

Student Program Information 2019

Pricing of Website Development Diploma

Study Plan	Work Ready Pricing	Work Ready Concession Pricing	Full Fee Paying
Diploma of Website Development – plan WD5AS (You do not have the assumed skills and knowledge)			
Total fee	**$7,300**	**$5,590**	**$9,845**
Upfront fee (mainly in the first 6 months)	$2,100	$1,610	$2,100
Fee that can be deferred using VET FEE HELP	$5,200	$3,980	$7,245
Diploma of Website Development – plan WD5XS You already have the assumed skills and knowledge			
Total fee	**$5,205**	**$3,985**	**$7,245**
Upfront fee	$0	$0	$0
Fee that can be deferred using VET FEE HELP	$5,205	$3,985	$7,245

The above prices may vary for a range of students including international students, trainees, VET in schools' students etc. Please contact your local campus for more information if necessary.

The above prices are subject to change.

TAFE SA Refund Policy Details

Click here to apply for this qualification

tafesa.edu.au
CRICOS Provider Code: 00092B - RTO Code: 41026
CRICOS Course Code: 088904K
Program_Information_ICT50615_WD_Dip_190520

Diploma of Website Development 2019

8

Student Program Information 2019

Changes to this Qualification from Semester 1 2019 Onwards

If you are a student that enrolled in this course prior to semester 1 2019 you should be aware of some changes.

- 52DA (2D Animation) has been more suitably renamed 5JSI (JavaScript Intermediate)

Changes to this Qualification from Semester 1 2018 Onwards

If you are a student that enrolled in this course prior to semester 1 2018 you should be aware of some changes.

- The Photoshop subject 5DIW competency has changed from CUAPHI504 Employ specialised imaging technologies to CUADIG405 Produce innovative digital images

tafesa.edu.au
CRICOS Provider Code: 00092B - RTO Code: 41026
CRICOS Course Code: 088904K
Program_Information_ICT50615_WD_Dip_190520

9