

Student Program Information 2014



Diploma of Digital Media Technologies (ICA50911)

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/digital media development experience 18 months to complete and will have a Certificate IV exit point after the first 12 months.
- > A **Major Project** and vocational work placement focused on industry related projects are included in the Diploma of Digital Media Technologies.
- > There is a focus on **mobile website development** with HTML5 and CSS3 for developing mobile based websites for iPhone/iPad, Android and Windows mobile devices.
- > A focus on the development of websites and website content using the **Adobe Creative Suite** including Dreamweaver, Flash, Photoshop, Illustrator, After Effects and Premiere.
- > There is focus on video including production, video capture and post production.
- > A focus on dynamic website development using **PHP, MySQL and ActionScript 3.0**.
- > There are also subjects related to **3D** modelling and animation.

Underpinning Skills and Knowledge

The following underpinning skills and knowledge is assumed. If you do not have these underpinning skills and knowledge you should consider doing the lower level Certificates indicated in the table or at least the subjects listed from those levels. If you need to complete all of these you would be adding another 6 months of study.

This is not an entry level qualification as there is assumed skills and knowledge that is required to commence at this level. To successfully enter at the Diploma a student needs to have either:

- > Completed the Certificate IV in Digital Media Technologies; 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).

TAFE SA Subject	Required Underpinning Skills and Knowledge	Related TAFE SA Qualification
4HTML5	HTML5, CSS and JavaScript Basics	Certificate IV in Digital Media Technologies
4EDI	Adobe Photoshop Basics and Image Manipulation	Certificate IV in Digital Media Technologies
42DA	Adobe Flash and 2D Animation Basics	Certificate IV in Digital Media Technologies
4MWA	Adobe Dreamweaver (Website Authoring)	Certificate IV in Digital Media Technologies
43DM	3D Modelling (3DS Max)	Certificate IV in Digital Media Technologies
4MVD	Multimedia Visual Design and Layouts	Certificate IV in Digital Media Technologies

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

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

Stage 1		Stage 2	
Term 1	Term 2	Term 1	Term 2
4CEP^	4WDM		
Semester		Semester	
4HTML5		5PVP	
5EDI		53DA	
52DA		5IDW	
5WHSM		5MMA	
5DVE		5ITPM/5MWP	
		5DMP	
Exit Qualifications			
No exit qualification after this Stage		Exit with the <i>Diploma of Digital Media Technologies</i>	

Please Note: This program structure is subject to change.

TAFE SA Study Plan for Full-Time Students with a Certificate IV Exit Qualification (18 Month Diploma)

The following table shows the recommended study plan for the Digital Media Technologies with a Certificate IV exit option. Each stage is one Semester (or 6 months) in length for Full-Time students*.

I am interested in achieving the Diploma of Digital Media Technologies (ICA50911) but also:

- > I am not concerned with having a Certificate III exit option after 6 months, but want to achieve the Certificate IV in the first 12 months.
- > I want to maximise my employability skills and job outcomes.

Stage 1		Stage 2		Stage 3	
Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
3WHS^	4MVD	4CEP^ (9)			
4VGC	4WDM				
Semester		Semester		Semester	
4HTML5		43DM		5PVP	
42DA		4SSP		53DA	
4MWA		5EDI		5IDW	
4DVP		52DA		5MMA	
4EDI		5WHSM		5ITPM/5MWP	
		5DVE		5DMP	
Exit Qualifications					
No exit qualification after this Stage		Exit with the <i>Certificate IV in Digital Media Technologies</i>		Exit with the <i>Diploma of Digital Media Technologies</i>	

Please Note: This program structure is subject to change.

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TAFE SA Study Plan for Full-Time Students with No Early Exit Qualifications (18 Month Diploma)

I am interested in achieving the Diploma of Digital Media Technologies (ICA50911) but also:

- > Would like to keep the cost of achieving the Diploma to a minimum.
- > I am NOT concerned with having early exit options such as the Certificate III or Certificate IV.
- > I am less concerned with employability skills.

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		Stage 2		Stage 3	
Term 1	Term 2	Term 1	Term 2	Term 1	Term 2
4VGC	4MVD 4WDM	4CEP [^]			
Semester		Semester		Semester	
4HTML5		5EDI		5PVP	
4EDI		52DA)		5IDW	
42DA		5WHSM		5MMA	
43DM		53DA		5ITPM/5MWP	
4MWA		5DVE		5DMP	
Exit Qualifications					
No exit qualification after this Stage		No exit qualification after this Stage		Exit with the Diploma of Digital Media Technologies	

Please Note: This program structure is subject to change.

NOTE: The study plan is for a full-time student. If done with class-attendance this is usually between 18-24 hours a week of attendance. However, your local campus may offer the subject in a variety of formats including online, self-paced etc. Refer to the campus Course Registration Numbers (CRN) document for details specific to your campus.

Legend:

- * The length of time for Part-Time students will depend on the number of subjects studied in each semester.
- [^] 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.

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Diploma of Digital Media Technologies (ICA50611)

Subject	National Code	Competency Name	Pre-Requisite
4CEP	Copyright, Ethics and Privacy		
	ICAICT418A	Contribute to copyright, ethics and privacy in an IT environment	N/A
4HTML5	Hypertext Mark-up Language 5		
	ICAWEB429A	Create a mark-up language document to specification	N/A
4WDM	Work in the Digital Media Industry		
	ICAICT419A	Work effectively in the digital media industry	N/A
5WHSM	Workplace Health and Safety Management		
	BSBOHS509A	Ensure a safe workplace	3WHS
5MWP	Manage a Workplace Production		
	ICAGAM504A	Manage interactive media production	4WDM
53DA	3D Animation (3DS Max)		
	ICAGAM516A	Animate a 3D digital character	43DM
	ICAGAM517A	Produce a digital animation sequence	
5EDI	Edit Digital Images (Advanced Adobe Photoshop)		
	CUVPHI504A	Investigate and exploit innovative imaging options	4EDI
5PVP	Post Video Production (Adobe After Effects)		
	CUFPOS401A	Edit screen content for fast turnaround (After Effects) Elective	N/A
	ICAICT514A	Identify and manage the implementation of current industry specific technologies	
5DVE	Edit Digital Video (Adobe Premiere Pro)		
	ICADMT501A	Incorporate and edit digital video	N/A
5MMA	Multimedia Mobile Development		
	ICAWEB516A	Research and apply emerging web technology trends	4MWA, 4HTML5
52DA	2D Animation (Advanced Adobe Flash – ActionScript Programming)		
	ICAWEB501A	Build a dynamic website	42DA
	ICAICT406A	Build a graphical user interface	
5IDW	Integrate a Database in a Website (MySQL/PHP Programming)		
	ICAWEB503A	Create web-based programs	4HTML5
5ITPM	IT Project Management		
	ICAPMG501A	Manage information technology projects	4SSP

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Diploma of Digital Media Technologies (ICA50911) Continued

Subject	National Code	Competency Name	Pre-Requisite
5DMP	Digital Media Major Project		
	ICAICT515A	Verify client business requirements	42DA, <u>4VGC</u> ,
	BSBCRT501A	Originate and develop design concepts	43DM, 4MWA, <u>4DVP</u> , 5EDI, 5DVE, 5IDW,

Legend: Underline – Co-requisite/Optional Pre-requisite

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.
4WDM	This subject investigates the skills and knowledge required to work effectively as an individual or in a team environment in the digital media industries.
4HTML5	This subject covers the usage and integration of HTML5, CSS 3 and JavaScript. Students will create an interactive website from scratch by coding using the technologies mentioned above.
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.
5MWP	This subject provides the skills and knowledge required to manage interactive media or game production through a Vocational Placement.
53DA	This subject focuses on Animating 3D characters and creating 3D animated sequences in Autodesk 3DS Max.
5EDI	This is concerned with using Adobe Photoshop to resolve complex visual communications problems and create innovative images. In creating these images, the practitioner must interact with a range of imaging technologies.
5PVP	This subject covers the use of industry standard tools for video compositing and video post-production using Adobe After Effects.
5EDV	This subject involves capturing a digital video image and manipulating the video in specific ways Using Adobe Premiere Pro.
5MMA	This subject looks at the current trends in non-platform specific mobile web applications and utilises HTML5, CSS 3 and JavaScript to create mobile websites.
52DA	This subject builds the skills and knowledge required to create Advanced 2D digital animations using Adobe Flash and programming in ActionScript 3.0.
5IDW	This subject is concerned with producing server-side scripts for dynamic web pages with database integration using PHP and MySQL.
5ITPM	This subject covers the skills ICT practitioners need to manage the initiation, implementation and completion of reasonably complex IT projects in terms of scope, risk, control and financial factors. The provision of specific IT-related project management within the ICT environment.
5DMP	The major project involves originating and developing digital media concepts 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 about various digital media productions.

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