

# DIPLOMA IN INFORMATION TECHNOLOGY

ICA40805

# WEBSITE DEVELOPMENT

## Looking for a technical & creative career?

Almost every business has a website. If they don't, they probably need one. The web has become an essential tool for communication, interaction and largely represents how many businesses promote their products and services to capture a market share. As a result, the growth of this industry has been enormous.

Training is a must for the professional Web designer. This program builds upon the competencies developed in the Certificate IV in IT - Websites, and includes the following:

- Dynamic webpages using PHP and javascript,
- Database Integration with MySQL,
- Analysis of Technical, User and Client Requirements for Websites,
- Website Documentation, Planning and Project Management.

### CREATING DYNAMIC WEBPAGES PHP AND MYSQL

Learn how to create responsive, data-driven websites with PHP, MySQL, and JavaScript. Discover how the powerful combination of PHP and MySQL provides an easy way to build modern websites complete with dynamic data and user interaction.

### JAVASCRIPT

JavaScript is the most popular scripting language on the internet, and works in all major browsers, such as Internet Explorer, Firefox, Chrome, Opera, and Safari. Javascript provides HTML designers with a programming tool, designed to add interactivity to your webpages.

### DESIGNING AND CONSTRUCTING FOR CLIENTS

This unit begins to develop your project management skills while you design a website for a client. You will begin by evaluating your client's existing website. This will involve analysing it, comparing it to similar sites, and proposing design solutions for its navigation scheme and page layout, this includes the use of dynamic pages.

The focus of this unit is communicating with the client by using project management tools and evaluating websites in preparation for the design. The unit also continues to explore specific technical Dreamweaver features to enhance look and feel, consistency, and usability.

### WEBSITE DOCUMENTATION AND PLANNING

Skills and knowledge necessary to produce website documentation such as server tool reporting, client acceptance testing, producing service level agreements and disaster recovery planning is also developed.

Technical skills, including knowledge of specific technologies, various platform and specific web languages will be finely honed to enable you to develop highly sought skills in this ever expanding industry.

### DURATION:

Approx 18 months part-time  
Approx 12 months full-time

### CAREER OPPORTUNITIES:

Web Designer / Developer.

### PROGRAM ARTICULATION:

Successful completion of this program may assist students to gain entry into further study programs and/or may contribute towards study credits.



**CANBERRA BUSINESS ACADEMY**  
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PTO for more information .../...

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## COST:

\$8800 - fully funded positions are available.

Job Seekers study for free. Existing workers pay an administration fee of \$800. The rest is funded by the Productivity Places Program in a partnership between the Commonwealth Government and the ACT Government. Funded positions are strictly limited and are offered on a first in first served basis. Contact Deb on 61639590 for more information.

## HOW TO APPLY:

For further information simply contact the Academy Manager on 61639590. Alternatively, enrol online at: [www.canberrabusinessacademy.com.au](http://www.canberrabusinessacademy.com.au).

## ENTRY REQUIREMENTS

Year 12 completion or equivalent. This program has pre-requisites requirements. Contact the Academy for further details.

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training that's  
almost

# Free

## CANBERRA BUSINESS ACADEMY

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## UNITS OF COMPETENCY INCLUDE:

BSBPMG505A Manage project quality  
ICAA5054C Validate quality and completeness of system design specifications  
ICAA5056B Prepare disaster recovery and contingency plans  
ICAA5141C Design and develop dynamic websites to meet technical requirements  
ICAA5146B Develop website information architecture  
ICAA5151B Gather data to identify business requirements  
ICAA5158B Translate business needs into technical requirements  
ICAB5165B Create dynamic web pages  
ICAB5180C Integrate database with a website  
ICAP5039B Match IT needs with the strategic direction of the enterprise  
ICAS5102B Establish and maintain client user liaison  
ICAS5202B Ensure privacy for users  
ICAT5081B Perform systems test  
ICAT5083B Develop and conduct client acceptance test  
ICAU5208B Use site server tools for transaction management  
PSPPM502B Manage complex projects  
ICAA4142C Design a website to meet technical requirements  
ICAA4233B Determine and apply appropriate development methodologies  
CUFANM301A Create 2D digital animation  
CUFMEM10A Design and create a multimedia interface