

**BE AMBITIOUS**

# DIPLOMA OF WEBSITE DEVELOPMENT



NATIONAL CODE: ICT50615  
INFORMATION TECHNOLOGY SECTION  
HORNSBY COLLEGE OF TAFE

**COURSE DESCRIPTION:**

Learn how to create a website that combines great design and exceptional functionality. In this course, you will gain the specialised skills needed to plan, design, implement, test and maintain web applications as a professional web developer.

Develop web applications using methods and tools including JavaScript, SQL, PHP and MySQL.

**COURSE OUTCOMES INCLUDING:**

Completion of this diploma will provide you with the ability to apply for a University Degree in Information Technology area. Individual campuses will advise you of any credit towards the degree some campuses provide you with 1 year of exemptions.

**ENTRY REQUIREMENTS:**

To successfully participate in the web development diploma you will need to have completed a Certificate 4 in IT - Web Technologies or equivalent.

The equivalent skills include:

- A very good knowledge of HTML and CSS
- Programming experience
- JavaScript programming experience
- Image creation and manipulation in a package such as Photoshop
- Web design principles
- Above-average typing skills
- Very good communication skills

We work at a fast pace in this course; in order to keep up learners need to obtain the above skills before they can start the diploma.

**LOCATION AND DELIVERY**

**Location:** Hornsby TAFE NSW, 205 Peats Ferry Road, Hornsby NSW 2077

**Full-time day:** 6 months 20 hrs/week  
**Part-time day:** 12 months 10 hrs/week

**Evening:** 12 months 3-9 hrs/week.  
Course is delivered as a combination of online and face-to-face classes.

**Note:** You will be required to spend an equivalent amount of time on course work outside of class time.

Registration and payment are required to confirm your place.

**CONTACT US TODAY!**

**ENROL NOW OR  
REGISTER YOUR INTEREST**

or for more information-  
*Contact Ariane Warnant*

**Phone:** 9472 1973 or 131 601

**Web:** <http://infotech.hornsby.tafensw.edu.au>

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## COURSE STRUCTURE:

This course requires 20 units of competency. Units delivered are:

ICTWEB516	Research and apply emerging web technology trends
ICTICT515	Verify client business requirements
ICTPRG505	Build advanced user interface
ICTDBS504	Integrate a database with a website
ICTSAS503	Perform systems tests
ICTPRG507	Implement security for applications
BSBWHS501	Ensure a safe workplace
ICTICT418	Contribute to copyright, ethics and privacy in an IT environment
ICTPRG418	Apply intermediate programming skills in another language
ICTWEB501	Build a dynamic website
ICTWEB502	Create dynamic web pages
ICTWEB503	Create web-based programs
ICTPRG406	Apply introductory object-oriented language skills
ICTPRG413	Use a library or pre-existing components
ICTDBS412	Build a database
ICTDBS502	Design a database
ICTPRG425	Use structured query language
ICTWEB505	Develop complex web page layouts
ICTWEB506	Develop complex cascading style sheets
ICTWEB507	Customise a complex IT content management system

**Timetable:** The timetable is published on our section website  
<http://infotech.hornsby.tafensw.edu.au/ViewTimetable.aspx>

## LEARNING SUBJECTS INCLUDE:

### Web programming

- Create user-friendly web applications using advanced HTML and CSS techniques
- Learn how to create Object-Oriented web applications using PHP
- Create data-driven applications that access and manipulate data stored in a MySQL database
- Program in JavaScript to enhance the user interface

### Web project

- Customize Content Management Systems (WordPress)
- Design and build a web application according to business requirements
- Build secure and robust web applications

### Database design and SQL

- Use SQL to access and modify data stored in a database
- Design and create databases.

## FEES & OTHER INFORMATION

**Fees:** Fees are set by TAFE NSW and can be viewed at:  
<https://www.tafensw.edu.au/get-started-at-tafe-nsw/fees-information>

**This course is government subsidized**  
**VET students loans are available for this course**

**Career opportunities:** Work as a Web Designer or Web Developer

**Course pathways:** Completion of this diploma will provide you with the ability to apply for a University Degree in Information Technology area. Some campuses provide you with 6 months of exemptions.

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