

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>

Email: ariane.warnant@tafensw.edu.au

BE AMBITIOUS

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.

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>

Email: ariane.warnant@tafensw.edu.au