

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.

You will develop web applications using JavaScript, HTML, CSS, PHP and MySQL.

COURSE OUTCOMES INCLUDING:

Completion of this diploma will provide you with the ability to apply for jobs as a web developer. You can also use this diploma to apply for a University Degree in Information Technology area. Individual campuses will advise you of any credit towards the degree.

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

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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
- ICTIPRG430 Apply introductory object-oriented language skills
- 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
- ICTWEB508 Develop website information architecture
- ICTPRG413 Use a library or pre-existing components
- ICTICT406 Build a graphical user interface
- 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:
www.tafensw.edu.au/enrol/fees

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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