

BE AMBITIOUS



Diploma of Information Technology (Front & Back-End Website Development) National Code: ICT50220-17V02

**On-Campus &
Online Delivery**

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, MongoDB, HTML, CSS, PHP and MySQL.

This course provides:

Learning Resources: Workbooks will be provided by teachers of all subjects.

Also available: Learner Support, Tutoring Support, Counselling, Library, & much more.

Course outcomes include:

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 complete this course, we recommend that you have:

- Completed Certificate IV in IT - Web Technologies or equivalent.
- A very good knowledge of HTML and CSS.
- Some Programming knowledge in PHP.
- Some Programming experience in JavaScript.
- Image creation and manipulation using industry standard tools.
- Web design principles.
- Above-average typing skills.
- Very good communication skills.
- Language, Literacy and Numeracy (LLN) skills at Level 4 (based on Australian Core Skills Framework).

LOCATION & MODE OF DELIVERY

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

Full-Time Day: 6 months, 20 hrs/week.
Delivered in **Face-to-Face** class mode.

Part-Time Day: 12 months, 10 hrs/week.
Delivered in **Face-to-Face** class mode.

Part-Time Eve: 12 months, 9 hrs/week.
Delivered in **Virtual-off-Campus (Online)**
mode on **Monday, Tuesday & Thursday**.

INFORMATION SESSIONS

To find out more about this course, meet our teachers and receive information about enrolment and next steps, attend an information session.

Dates & Times:

Online: Wednesdays June 4, 11, 18, 25
& July 2, 2025 at 6:00pm

MS Team Link:

<https://infotech.hornsby.tafensw.edu.au/info-session-join-link>

Face-to-Face: Thursdays June 26, &
July 3, 2025 at 10:00am

Location: Building G, Room G1.09

COURSE STRUCTURE:

This course requires 20 (6 core & 14 elective) units of competency. Subjects/ Units delivered are:

Design Web Architecture

- ICTICT530 Design user experience solutions
- ICTWEB519 Develop complex web page layouts
- ICTWEB520 Develop complex cascading style sheets
- ICTWEB522 Develop website information architecture

Web Project Build

- ICTWEB513 Build dynamic websites
- ICTWEB514 Create dynamic web pages
- ICTDBS507 Integrate databases with websites
- ICTWEB517 Create web-based programs

Data Link (to Web App)

- ICTWEB518 Build a document using extensible markup language
- ICTPRG553 Create and develop REST APIs
- ICTPRG554 Manage data persistence using NoSQL data stores

Research & Quality

- ICTWEB527 Research and apply emerging web technology trends
- ICTICT523 Gather data to identify business requirements
- ICTWEB525 Implement quality assurance process for websites

Project Planning

- ICTICT532 Apply IP, ethics and privacy in ICT environments
- BSBXCS402 Promote workplace cyber security awareness and best practices
- BSBXTW401 Lead and facilitate a team
- ICTSAS527 Manage client problems
- BSBCRT512 Originate and develop concepts
- ICTICT517 Match ICT needs with the strategic direction of the organisation

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

REGISTER YOUR INTEREST

or for more information

Phone: 131 601

Website:

infotech.hornsby.tafensw.edu.au

Email: NSI.HO.IT@tafensw.edu.au

Course Enquiry:

nirmal.chowdhury@tafensw.edu.au

Enrol Now: www.tafensw.edu.au

CONTACT US FOR MORE INFORMATION

Contact: **Matthew Green**

Phone: 02 7920 0811 or 131 601

Email: matthew.green98@tafensw.edu.au

Website:

<http://infotech.Hornsby.tafensw.edu.au>

Nationally Recognised Training

This training is fully subsidised by the NSW Government (FREE Course).

Course Workload

- ✓ 20 hours per week face-to-face class attendance (Full Time).
- ✓ 9 hours per week face-to-face or VoC attendance (Part Time).

Plus, you will be required to spend an equivalent amount of time on course work outside of class time.

Learning subjects include:

Web Page Creation

- Create user-friendly and accessible websites using HTML and CSS.
- Create responsive websites, accessible on a range of devices including mobile devices.

Web Programming

- Learn how to program in JavaScript and PHP.
- Create data-driven websites using MySQL databases.

Content Management Systems and Hosting

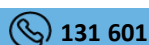
- What to look for when choosing a web hosting company.
- Optimise a website for better search engine rankings (SEO).
- Build and customise a WordPress site.

Web Page Design and Layout

- Design stylish websites.
- Learn the principles of beautiful web design.
- Create a working website to specifications and standards.
- Explore your obligations, both legal and moral, regarding copyright, ethics and privacy in websites.

ICT Analysis and Workplace Cyber Security

- Gain skills in ICT Analysis and Managing Workplace Cyber Security.



131 601



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This document is correct at the time of printing: June 2025.
*Terms and conditions may apply.



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