Certificate IV in Information Technology (Website Development)
National Code: **ICT40120-08V02**

Course description:

This course will provide you with the skills and knowledge required to solve problems and effectively communicate with others, develop the skills and knowledge to **create engaging websites** using the latest web technologies.

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 certificate will provide you with the skills to apply for the Diploma in Web Development, or to work as a web designer/developer in industry. Gain skills in ICT analysis & managing workplace cyber security.

After completing the course, you will be able to **design, create and maintain websites,** including websites requiring web programming in **PHP** and **JavaScript**. You will be able to design engaging layouts and create web pages in **HTML** and **CSS** based on requirements.

Entry Requirements:

To successfully complete this course, we recommend that you have:

- Completed Certificate III in IT or equivalent with a clear understanding of:
  - ✓ A very good knowledge of software applications such as Word processing and Spreadsheets.
  - ✓ Above-average typing speed.
  - ✓ Very good communication skills.
  - ✓ Be familiar with web technologies including web browsers and the internet.
  - ✓ How to manage files and folders on a computer.
- Language, Literacy and Numeracy (LLN) skills at Level 3 (based on Australian Core Skills Framework).

LOCATION & MODE OF DELIVERY

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

Full-Time day: 6 months, 18 hrs/week. Delivered in face-to-face class mode. Also delivered in **Connected Delivery (Virtual Campus)** class mode.

Part-Time Evening: 12 months, 9 hrs/week. Delivered in **Connected Delivery (Virtual Campus)** class mode.

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

Enrolment is required to confirm your place.

- Nationally Recognised Training
- This training is subsidised by the NSW Government [**Not a Free course**]

ENROL OR ENQUIRE 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

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

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COURSE STRUCTURE:

This course requires 20 (7 core & 13 elective) units of competency. Units delivered are:

ICTWEB431	Create and style simple markup language document
ICTWEB444	Create responsive website layouts
ICTWEB452	Create a mark-up language document
ICTWEB433	Confirm accessibility of websites
ICTDBS416	Create basic relational databases
ICTWEB451	Apply structured query language in relational databases
ICTPRG302	Apply introductory programming techniques
ICTWEB430	Produce server-side script for dynamic web pages
ICTWEB433	Implement search engine optimisations
ICTWEB432	Design website layouts
ICTWEB445	Implement content management systems
ICTWEB441	Produce basic client-side script
ICTWEB434	Transfer content to websites
ICTWEB450	Evaluate and select a web hosting service
BSBCRT404	Apply advanced critical thinking to work processes
ICTICT426	Identify and evaluate emerging technologies and practices
ICTSAS432	Identify and resolve client ICT problems
ICTICT443	Work collaboratively in the ICT industry
BSBXCS404	Contribute to cyber security risk management
ICTICT452	Comply with IP, ethics and privacy policies in ICT environments

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

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.

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 Subsidised [but Not Free]

Career opportunities: Work as a Web Designer or Junior Web Developer.

Course pathways: Completion of this Certificate will provide you with the skills to apply for Diploma of IT (Front & Back End Web Development) course.

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ENROL NOW OR REGISTER YOUR INTEREST

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