



# Diploma of Information Technology

## Front & Back End Web Development

### COURSE DESCRIPTION

CRICOS COURSE CODE • 106203H

This is your chance to change the world, one line of code at a time! Web developers are in high demand and this course will provide you with the skills and experience to have endless career choices in our technology focussed world. You will learn how to build and test complex software applications and websites using current industry-standard methodologies. You will be exposed to user experience design (UX) and user interface design (UI) concepts while gaining valuable experience working on real-life projects as part of multidisciplinary teams.

### WHAT WILL I LEARN?

- ICTWEB519 • Develop complex web page layouts
- ICTWEB520 • Develop complex cascading style sheets
- ICTDBS507 • Integrate databases with websites
- ICTPRG554 • Manage data persistence using noSQL data stores
- ICTWEB522 • Develop website information architecture
- ICTWEB525 • Implement quality assurance process for websites
- ICTPRG553 • Create and develop REST APIs
- ICTWEB513 • Build dynamic websites
- ICTWEB514 • Create dynamic web pages
- ICTWEB518 • Build a document using extensible markup language
- ICTICT530 • Design user experience solutions
- ICTCLD501 • Develop cloud disaster recovery plans
- ICTCLD502 • Design and implement highly-available cloud infrastructure
- ICTCLD503 • Implement web-scale cloud infrastructure
- BSBCRT512 • Originate and develop concepts
- BSBXCS402 • Promote workplace cyber security awareness and best practices
- BSBXTW401 • Lead and facilitate a team
- ICTICT517 • Match ICT needs with the strategic direction of the organisation
- ICTICT532 • Apply IP, ethics and privacy in ICT environments
- ICTSAS527 • Manage client problems



# The greatest dreams, are always unrealistic.

WILL SMITH

## 01. **CAMPUS**

- Sydney Startup Hub
- Melbourne CBD

Mode of Delivery: Blended

## 02. **DURATION**

104 weeks (including term breaks)  
8 terms

## 03. **EMPLOYMENT OPPORTUNITIES**

- Website Developer
- Front-end developer
- Back-end developer
- Full Stack developer
- Website Manager
- Website Project Manager

## 04. **ENTRY REQUIREMENTS**

- Successful completion of Australian Year 12 or equivalent
- Must be at least 18 years of age at course commencement
- International learners must demonstrate they hold an IELTS 5.5 with no skills band less than 5 or equivalent

### **Please note:**

The training package does not identify any entry requirements, however, for successful completion of this program at Laneway, we highly recommend that learners should have a basic knowledge of:

- HTML
- CSS
- JavaScript
- or
- Attainment of ICT40315 Certificate IV in Web-Based Technologies or ICT40120 Certificate IV in Information Technology (Web Development).



[laneway.edu.au](https://laneway.edu.au)



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Information provided is current as at the date listed, and may be subject to change. Date: 16.05.2022

LANEWAY EDUCATION RTO: 41504 | CRICOS PROVIDER: 03597G