



Diploma of Information Technology

Front & Back End Web Development

COURSE DESCRIPTION

COURSE CODE • **ICT50120**

CRICOS COURSE CODE • **102692G**

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?

WEB DEVELOPMENT FUNDAMENTALS

- ICTICT517 • Match ICT needs with the strategic direction of the organisation
- ICTWEBS513 • Build dynamic websites
- ICTWEBS522 • Develop website information architecture
- BSBXCS402 • Promote workplace cyber security awareness and best practices

ADVANCED WEB DEVELOPMENT - FRONT END

- ICTWEBS525 • Implement quality assurance process for websites
- ICTICT530 • Design user experience solutions
- ICTWEBS520 • Develop complex cascading style sheets

ADVANCED WEB DEVELOPMENT - BACK END

- ICTDBS507 • Integrate databases with websites
- ICTWEB519 • Develop complex web page layouts
- ICTWEB514 • Create dynamic web pages

CREATIVE PROBLEM SOLVING

- BSBCRT501 • Originate and develop concepts
- BSBLDR511 • Develop and use emotional intelligence
- BSBCRT301 • Develop and extend critical thinking skills
- ICTSAS527 • Manage client problems

MANAGING IT PROJECTS

- BSBXTW401 • Lead and facilitate a team
- ICTICT532 • Apply IP, ethics and privacy policies in ICT environments
- BSBPMG513 • Manage project quality

MANAGING & IMPLEMENTING COMPLEX WEB APPLICATIONS

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



The greatest dreams, are always unrealistic.

01. **CAMPUS**

- Sydney Startup Hub
- Melbourne CBD

02. **DURATION**

78 weeks (including term breaks)
6 terms (10 weeks per term)
1800 hours

03. **EMPLOYMENT OPPORTUNITIES**

- Web Developer
- Intranet Engineer
- Web Usability Engineer
- WAP Designer
- Web Master
- Web Business Development Manager

04. **ENTRY REQUIREMENTS**

- Successful completion of Australian Year 10 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

Information provided is current as at the date listed, and may be subject to change. Date: 07.09.2020

LANEWAY EDUCATION RTO: 41504 | CRICOS PROVIDER: 035976



laneway.edu.au



admissions@laneway.edu.au



+61 (0) 2 9019 3377



Sydney Startup Hub
Level 7, 11 - 31 York Street
Sydney NSW 2000



Melbourne CBD
Level 7, 118 Queen Street
Melbourne VIC 3000