



# Graduate Diploma in Information Technology (Level 7)

**Start Date:** February, July and November 2015

**Duration:** 34 Weeks full-time (Part-time options available)

**Location:** Petone

**Programme Code:** HV4437

**Fees:** \$17,500

Take your career to the next level and undertake additional specialisation in Information Technology. The graduate diploma will provide a comprehensive understanding of specialist areas within IT, which will give you the right tools to apply your knowledge to an IT project.

## PROGRAMME OVERVIEW

- > Gain a comprehensive understanding of Information Security
- > Learn how to develop and test software
- > Learn about systems engineering
- > Gain knowledge of database design and implementation
- > Learn about human computer interaction
- > Gain an understanding of information systems in management
- > Learn skills in software development (Java)

## ENTRY REQUIREMENTS

You will need to have a degree in Computer Science or in Information Technology, preferably with networking or equivalent practical, professional or educational experience in the IT industry as a Systems or Network Administrator.

If English is your second language, a minimum IELTS (Academic) score of 6 with no band score lower than 5.5, is required.

## CAREER OPPORTUNITIES

Excellent opportunities exist within the field of Information Technology including Business/IT Analysis, Project Management, Database Management, Information Security or Consultancy.

## PROGRAMME STRUCTURE

### Compulsory courses

CODE	COURSE	CREDIT
IT7351	Project	45

### Elective courses\*

CODE	COURSE	CREDIT
IT6268	Project Management	15
IT7320	Development and Testing Software	15
IT7358	Human Interface Technology	15
IT7359	Advanced Database Systems	15
IT7368	Systems Engineering	15
IT7369	Advanced Networking I	15
IT7370	Advanced Networking II	15
IT7371	Advanced Networking III	15
IT7372	Advanced Networking IV	15
IT7374	Programming III	15
IT7375	Embedded Systems II	15
IT7380	Special Topic	15
IA7301	Information Security and Assurance	15
IA7302	Information Assurance Network Fundamentals	15
IA7306	Incident Response and Computer Security	15
IA7308	Security Testing and Network Defence	15



For complete course descriptions please refer to [www.weltec.ac.nz/it](http://www.weltec.ac.nz/it)

## WELTEC DISCLAIMER

The information contained in this Information Sheet describes the courses we intend to offer. The information is correct at the time of printing (March 2015). However, you should note that programmes and courses are subject to change as they are refined and developed, and are dependent on the availability of resources. In some cases the commencement and subsequent continuation of programmes and courses will be subject to final approval and the number of enrolment applications. WelTec reserves the right to change the content, location or method of presentation of any course or programme or to withdraw any qualification or part thereof, or impose limitations on enrolments where circumstances dictate.

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