

# Just the Job

## Information Sheet

**Job title:** Surveying Technician

**Job description:**

Surveying Technicians carry out field and office work in cadastral surveying, civil construction and land development. Surveying Technician tasks include:

- Completing surveys to gather spatial information using electronic equipment including GPS and total stations
- Planning and managing survey projects and survey staff
- Performing survey calculations for boundary definition or earthworks volumes
- Designing engineering works like drainage, roads and earthworks
- Preparing plans using surveying software

**Qualifications required/age restrictions:**

A National Diploma in Surveying is offered by InfraTrain New Zealand (the infrastructure industry training organisation).

A full, clean Drivers Licence is recommended.

**Training costs:**

As training is done on the job, there is generally no cost to the trainee.

**Location of job:**

Work is mainly outdoors. There are job opportunities throughout New Zealand.

**Career path:**

There are good opportunities for progression within the surveying industry.

On completion of the National Diploma, graduates are eligible for Associate Membership of the New Zealand Institute of Surveyors (NZIS).

Upon successful completion of the National Diploma it is possible to progress to a Bachelor in Surveying at Otago University.

- National Diploma in Surveying – Level 6
- Bachelor in Surveying

**Salary range:**

Salaries vary, but unqualified Survey Technicians can earn between \$28,000 and \$45,000 per year, depending on where they work, experience, ability and whether they are studying for the National Diploma in Surveying.

Qualified technicians can earn up to \$70,000 per year.

**Other careers this profession could lead to:**

- Professional Land Surveyor
- Project or Contracts Manager
- Asset Manager
- Mine Surveyor

**Tips on how to increase the chances of successfully entering this industry:**

- Take English, Maths and Trigonometry at school
- Develop Information Technology skills
- Talk to a local surveying company to see if you can spend some time gaining work experience
- Gain a Driver Licence as early as possible
- Be keen and have a 'can do' attitude

**Websites to source information about this job:**

[www.infratrains.co.nz](http://www.infratrains.co.nz)

[www.shapeyourfuture.co.nz](http://www.shapeyourfuture.co.nz)

[www.surveyors.org.nz](http://www.surveyors.org.nz)

[www.careers.govt.nz](http://www.careers.govt.nz)