

A CAREER FOR THE FUTURE

# INTRODUCING AUSTRALIAN CADETSHIPS

## FOR THE SURVEYING & SPATIAL INFORMATION SECTOR

The Surveying & Spatial Information Sector provides careers for the 21st Century.

You will have the opportunity to use the latest technologies to help understand the world and help solve problems – ranging from environmental issues to disaster planning and business analysis.

So, if you enjoy geography, maths or science you should think about the Surveying & Spatial Information sector – it could be right for you!

## WHAT DOES 'SPATIAL' MEAN?

Spatial refers to space, location or place. Since everything is located at a point on the earth's surface the collection, mapping, analysis and presentation of spatial information is very important and has an almost limitless range of applications.

### Who works in the Surveying & Spatial Information Sector?

You will have heard of surveyors and mapping professionals who make up key parts of the Spatial Information sector along with other new roles such as GIS operators and other specialists in areas such as remote sensing and photogrammetry – which is the science of obtaining accurate measurements and maps from photographs.

The message is that the Spatial Information sector is diverse and offers you choice of job roles and places to work. It also provides you with the opportunity to follow your passions.

### You can work anywhere

Do you picture yourself travelling?

Well, spatial information is a universal language and skilled people in the field can work across the globe.

### Maybe you want to work outdoors...

The Surveying & Spatial Information sector provides jobs in the mining industry, land management, town and regional planning, agriculture and transport – to name just a few.

Many jobs entail field work that could see you collecting data on the ground as part of a mining exploration team or establishing the route of a major new road network.

But, if using technology and doing detailed analysis is your thing then you may choose a career that takes you indoors where you utilise amazing software and systems to analyse and map data that has been collected in the field.

### Be your own boss...

The Surveying & Spatial Information sector offers great careers and the chance to start up your own business. The sector has many consulting firms and specialist surveying, GIS and other small businesses.

### Making a difference...

Choosing a career in Spatial Information will also allow you to contribute to your community. You may find yourself analysing the health of our water ways and inland areas affected by erosion or providing information that will help plan where our nation's essential services should be located to meet the needs of a growing population.



*Careers for the  
21st century*

For more information about a career in the Surveying Spatial Information Sector talk to your Careers Adviser or visit the following sites:

*interested?  
want to know more?*

Surveying & Mapping Industry Council  
of New South Wales (SMIC)  
email: [smic@smicnsw.org.au](mailto:smic@smicnsw.org.au)

[www.smicnsw.org.au](http://www.smicnsw.org.au)

Australian Spatial Information  
Business Association (ASIBA)  
email: [info@asiba.com.au](mailto:info@asiba.com.au)

[www.asiba.com.au](http://www.asiba.com.au)

Construction & Property Services  
Industry Skills Council  
email: [info@cpsisc.com.au](mailto:info@cpsisc.com.au)

[www.cpsisc.com.au](http://www.cpsisc.com.au)

Interested in Surveying & Spatial Information Cadetships? Get in touch with an Australian Apprenticeship Centre:

**WWW.AUSTRALIANAPPRENTICESHIPS.GOV.AU**