

# Spatial Information Services

QUALIFICATION: Diploma NRT

COURSE NO: 9391

TRAINING PACKAGE: Property Services

NATIONAL CODE: CPP50207

LOCATION: Ultimo College

HOW TO ENROL: Students who have completed C111 9388 can enrol for this course on Friday 29 January or Monday 1 February 2010 between 1pm and 6pm, building W level 1, 827 839 George Street Haymarket.

## ATTENDANCE : -

**Ultimo:** Full Time(Day), 1.5 Years, 21 Hours per week  
**Proposed Timetable:** 3 days per week, Monday to Wednesday 9am - 5pm.

You will receive your class timetable at the time of enrolment. However, timetables are subject to change.

**COURSE DESCRIPTION:** What will you learn in the Spatial Information Services course?

This nationally recognised course is for Year 12 school leavers who wish work as professionals and para-professionals in the spatial industry (often referred to as Spatial Information Services (SIS) OR Geographic Information Systems (GIS.)

The use of GIS technology provides exciting opportunities to explore and investigate our world. GIS revolves around the spatial location of information. This information can take the form of maps or database material. The map and database work together so that you can query the position and context of a rare plant species on a map whilst the database offers type, age, size, condition etc. Selecting on the map brings up the supporting data whilst selecting from the database brings up the map location.

In this course you will learn about:

- Mapping systems and techniques
- Geographic information systems and spatial operations
- Remote sensing
- Computer Aided Drafting
- Global Positioning Systems

At the completion of the course you will be able to collect, store and analyse data of varied types plus prepare maps and documentation based on that data. GIS has matured into a multi - disciplinary tool of great value to any industry where

This document was printed on 24th November, 2009 Course No 9391 continued on page 2.

location and distribution are relevant.

**CAREER OPPORTUNITIES:** You would be employed as a spatial or geographic information systems officer or similar. Employment can be in both government departments and private agencies. The diploma in SIS will also allow you to gain advanced standing in some university courses for future studies.

You may find it useful to explore the My Future website [www.myfuture.edu.au](http://www.myfuture.edu.au)

**MINIMUM ENTRY REQUIREMENTS:** NSW Higher School Certificate or equivalent. Students should have assumed knowledge and skills in HSC level mathematics and science, or equivalent. It is a Workcover requirement that students must have completed a Workcover approved OHS General Induction Training. At Ultimo we offer this training at the start of the course.

**Local Entry /Selection Details:**At Ultimo you must have completed the 9388 Cert 111 Spatial Information Systems.

**COST:** In 2010 the TAFE NSW fee for this course is \$621.00 per semester.

**Additional Cost:**(see note 3 below)

\$100 per Year course related charge at Ultimo full time

\$100 per Year course related charge at Ultimo part time

**Payment Notes:**

1) The TAFE NSW fee is payable for each year of enrolment. A TAFE year consists of two semesters of 18 weeks. The minimum TAFE NSW Fee for a course is based on one semester, even if the course duration is less than 18 weeks. If the course runs from 18 weeks to a year, it counts as two semesters and you may pay the TAFE NSW Fee in two half-yearly payments. If you choose to pay the TAFE NSW fee in two instalments, the first instalment must be paid at enrolment and the second must be paid by 31 May. Note:If you commence a course in semester 2 and your course duration is more than 18 weeks you will be required to pay the relevant TAFE NSW fee for 1 semester. A Fee Notification will be sent to you. You may pay the TAFE NSW fee by EFTPOS, Visa card, Mastercard, cheque or money order. NO CASH is accepted.

2) If you receive a government benefit such as Youth Allowance, Austudy, or Sickness Allowance and provide proof at enrolment, you may be eligible for a TAFE NSW concession of \$51 per course enrolment per year. Students in receipt of a Disability Support Pension and students with a disability who are Clients of a teacher Consultant are entitled to one full fee exemption for one TAFE NSW course per year and are eligible for the \$51 Concession fee for subsequent enrolments in that year.

Aboriginal or Torres Strait Islander students are exempt from paying the TAFE NSW Fee.

3) In addition to the TAFE NSW fee, some programs have Course Related Charges associated with them. Course Related Charges cover the cost of materials, resources, equipment and services used in your program. If your circumstances do not enable you to pay this charge you will need to speak with your teacher when you commence class to negotiate alternative arrangements.

**RECOGNITION:** TAFE NSW recognises skills and knowledge gained through

previous studies, the workplace and life experience which may allow you to complete your qualification faster. You may be entitled to recognition that will exempt you from one or more modules, up to 100% of the requirements for a course award. There is no fee for processing recognition applications for current TAFE NSW students. Commercial (fee based) recognition is also available to organisations and individuals.

For further information please contact the Sydney Institute Information Centre on 1300 360 601 or visit our website [www.sit.nsw.edu.au](http://www.sit.nsw.edu.au)

**COURSE REPLACED:** 6437 - Spatial Information Services

**GREEN SKILLS:** Green Skills modules may be available as part of this course. Please check directly with the college.

**Training Program Structure:**

Number	Module/Unit	Hours
<b>Core Units</b> - all must be completed		
CPPSIS5001A	Plan spatial data collection and validation	120
CPPSIS5002A	Capture new spatial data	120
CPPSIS5003A	Implement a spatial information services project plan	50
CPPSIS5006A	Integrate spatial datasets	60
CPPSIS5009A	Produce spatial project deliverables	140
CPPSIS5029A	Determine suitable information sources to create new spatial datasets	60
CPPSIS6020A	Develop 2-D and 3-D terrain visualisations	160

**Electives** - not all electives available. The availability varies from one college to another & from year to year

Electives available will be advised by teaching section at enrolment

**DEGREE EXPRESS:** This course may have an articulation arrangement to university. Please check directly with the college and visit [www.sit.nsw.edu.au/courses/university](http://www.sit.nsw.edu.au/courses/university)

**CONTACT DETAILS:** Sydney Institute Information Centre  
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827 - 839 George Street, Haymarket NSW 2007  
Phone: 1300 360 601 or  
email: [sydney.info@tafensw.edu.au](mailto:sydney.info@tafensw.edu.au)

Customer service  
Building W, 1st Floor, 827-839 George Street,  
Haymarket Phone: 9217-5141