CPP60116 Advanced Diploma of Surveying
National ID: CPP60116 | State ID: BAH8

About this course

Looking forward to a career in surveying?
Learn how to collect and analyse spatial data for complex engineering structures, roads, railways and surface and underground mining operations.

Throughout this course you'll learn about the operation of sophisticated surveying equipment and software (including GPS) and the processing of survey data to produce computer aided engineering drawings and mine plans, building on the skills gained in the Diploma of Surveying.

This qualification is required for Authorised Mine Surveyor and Certified Engineering Surveyor.

Gain these skills
- Conduct advanced GNSS control surveys
- Conduct complex engineering set-out surveys
- Conduct open pit and underground mine surveys
- Manage risk
- Monitor engineering structures

Is this course right for me?
I have the following attributes:
- Good mathematics skills
- Ability to work neatly and accurately
- Ability to work independently or as part of a team
- Good health and eyesight (which can be corrected)
- A good eye for detail
Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey. This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a combination of these, depending on which is most appropriate.

Semester 1, 2020

East Perth - On Campus

- **Duration:** 2 Semester/s
- **When:** Semester 1, 2020
- **How:** On campus

Units

Core

<table>
<thead>
<tr>
<th>National ID</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>BSBRSK501</td>
<td>Manage risk</td>
</tr>
<tr>
<td>CPPSIS6032</td>
<td>Conduct advanced GNSS control surveys</td>
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<tr>
<td>CPPSIS6035</td>
<td>Conduct complex engineering set-out surveys</td>
</tr>
<tr>
<td>CPPSIS6036</td>
<td>Monitor engineering structures</td>
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Elective

<table>
<thead>
<tr>
<th>National ID</th>
<th>Unit Title</th>
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<tbody>
<tr>
<td>CPPSIS6021</td>
<td>Conduct open pit mine surveys</td>
</tr>
<tr>
<td>CPPSIS6022</td>
<td>Produce mine drawings</td>
</tr>
<tr>
<td>CPPSIS6033</td>
<td>Conduct underground mine surveys</td>
</tr>
<tr>
<td>CPPSIS6034</td>
<td>Conduct mining geology operations</td>
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<tr>
<td>CPPSIS6041</td>
<td>Compile mine survey plans</td>
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</tbody>
</table>
**Entrance requirements**

<table>
<thead>
<tr>
<th>School Leaver</th>
<th>Non-School Leaver</th>
<th>AQF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completion of WACE General or ATAR (Minimum C Grades) or equivalent</td>
<td>Completion of WACE General or ATAR or equivalent (minimum C Grades)</td>
<td>Certificate III</td>
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Completion of the Diploma of Surveying or equivalent.

**Further study**

Graduates may be eligible for university entry.

**Job opportunities**

- Surveying or Spatial Science Technician | GIS Technician

Other job titles may include:

- Surveyor (Mining | Engineering | Construction)
- Survey Assistant

Please note this list should be used as a guide only as job titles and qualification requirements may vary between organisations.

**Important information**

Other costs for consideration:

- Text Books
- Stationery

Typical timetable:

- 3 days per week

Work Placement:

- None required – Optional

**Fees and charges**

**Local full time students**

Course fees are made up of two components, tuition fees and resource fees.

**Tuition fees** are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.
**Resource fees** are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

**International Students**

Check [TAFE International WA](https://www.tafeinternational.wa.edu.au) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

**Please note, fees are subject to change.**