MSL50118 Diploma of Laboratory Technology
National ID: MSL50118 | State ID: BDV4

About this course
Learn the practical skills and knowledge you need to use laboratory application software, plan and conduct laboratory/field work and communicate and provide information to customers. This course will also teach you how to analyse, process and interpret data, report results and apply quality system and continuous improvement processes.

Please note: part time study is available in both Semester 1 and 2 for this course.

Overview
This course may be offered with a blended, flexible delivery model to enable social distancing measures to be undertaken during the COVID-19 pandemic. This approach may include a mix of online and classroom based delivery, as well as practical and work experience placements. Lecturers will provide any specific instructions if your training delivery style needs to change.

Semester 2, 2020

Murdoch - Full Time-Classroom
Duration: 2 Semesters

When: Semester 2, 2020

How: Full Time

Units

Core

<table>
<thead>
<tr>
<th>National ID</th>
<th>Unit Title</th>
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</thead>
<tbody>
<tr>
<td>MSL924003</td>
<td>Process and interpret data</td>
</tr>
<tr>
<td>MSL924004</td>
<td>Use laboratory application software</td>
</tr>
<tr>
<td>MSL925004</td>
<td>Analyse data and report results</td>
</tr>
<tr>
<td>MSL934004</td>
<td>Maintain and calibrate instruments and equipment</td>
</tr>
<tr>
<td>MSL935007</td>
<td>Monitor the quality of test results and data</td>
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</tbody>
</table>

Elective

<table>
<thead>
<tr>
<th>National ID</th>
<th>Unit Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSL904002</td>
<td>Perform standard calibrations</td>
</tr>
<tr>
<td>MSL915003</td>
<td>Provide information to customers</td>
</tr>
<tr>
<td>MSL944002</td>
<td>Maintain laboratory or field workplace safety</td>
</tr>
<tr>
<td>MSL974019</td>
<td>Perform chemical tests and procedures</td>
</tr>
<tr>
<td>MSL974020</td>
<td>Perform food tests</td>
</tr>
<tr>
<td>MSL975032</td>
<td>Provide input to production trials</td>
</tr>
<tr>
<td>MSL975035</td>
<td>Perform microbiological tests</td>
</tr>
</tbody>
</table>
National ID | Unit Title
---|---
MSL975036 | Perform haematological tests
MSL975040 | Apply routine chromatographic techniques
MSL975048 | Apply routine spectrometric techniques

**Entrance requirements**

MSL40118 Certificate IV in Laboratory Techniques or equivalent
OR
a Certificate IV or higher level qualification in a relevant science discipline
OR
demonstrated equivalent skills and knowledge in a relevant science discipline.

**Job opportunities**

- Learn the practical skills and knowledge you need to use laboratory application software, plan and conduct laboratory/field work and communicate and provide information to customers. This course will also teach you how to analyse, process and interpret data, report results and apply quality system and continuous improvement processes.


Further study opportunities:

- University

**Fees and charges**

**Indicative fees and charges**

[2020 general admission fees list](#)
[2020 apprenticeship/traineeship fees list](#)

Fees and charges published on our website are indicative. Your fees will depend on your eligibility for government funding or a concession rate, and the units you choose to study or seek to be recognised under Recognition of Prior Learning (RPL). Our Indicative fees lists show fees that are:

- Based on the full possible study plan of units, including the recommended electives
Based on full time study in 2020  
Charged at the government funded rate for over 18 years of age students  
Based on unit electives designed to meet localised industry demand for skills  
Made up of course fees and resource fees, or RPL fees. Course fees are the cost of your tuition, while resource fees pay for consumables provided to you to aid your study (such as printing and paper). You may also be required to purchase textbooks or equipment that are not part of our tuition or resource fees.

Fees may vary between students and between educational providers. Other charges may apply. Visit our Fees and payment options page for more information.

Call 1800 001 001 to get a more accurate fee indication based on your eligibility and study plan before applying.

**VET Student Loans**

Selected courses are VET Student Loan eligible courses.

A VET Student Loan creates a debt that must be repaid to the Commonwealth and is only available to students who are eligible.

To find out if you are eligible or to see the list of eligible courses visit our Student Loans page.

**International students**

Selected courses are available to International students for full time study only.

Fees, charges, available locations, applications and enrolment procedures for International students are different to those for students who have Australian permanent residency.

For more information or to find a course visit the TAFE International WA website.

**Apprenticeships and traineeships**

Fees for apprenticeships and traineeships are charged at a rate per nominal hour of study.

This means that your fees will vary depending on the units you study as part of your training plan.

Apprentices and trainees are liable to pay for their own fees but some industrial agreements (awards) dictate that employers are required to reimburse their apprentice upon receipt of satisfactory progress. An employer may also opt to pay on behalf of the apprentice or trainee.

For more information visit our Apprenticeships and traineeships page.

**Recognition of Prior Learning**

Recognition of Prior Learning (RPL) enrolments are charged at $3.25 per nominal hour of study.
No concession fees apply to RPL enrolments. Refer to the institutional or apprenticeship/traineeship fee lists for an indicative RPL course fee.

Please note, fees are subject to change.