



MSL40118 Certificate IV in Laboratory Techniques

National ID: MSL40118 | State ID: BDV3

About this course

Further develop your practical laboratory skills

This course will provide you with the skills and knowledge you need to work as a technical assistant, technician or instrument operator. You will learn about quality control, performance of instrumental and non-instrumental tests, standardisation and the use of solutions.

Your Certificate IV in Laboratory Techniques is available via traineeship so you can **earn while you learn** and gain on the job skills that will stay with you for your entire career. Studying at North Metro TAFE will also expose you to our well equipped facilities and highly trained lecturers who'll give you the best shot at a career in science and laboratory operations.

Gain these skills

- Carry out experiments
- Take measurements with scientific equipment
- Record results and present them for critical analysis
- OHS and safe laboratory practice in the field and in a laboratory

Is this course right for me?

I have the following attributes:

- A strong interest in science and chemistry
- Able to adhere to workplace safety standards
- Good communication skills and able to work as part of a team
- Normal colour vision

Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Continuous enrolment, 2020

East Perth - Employer Based



When: **Continuous enrolment**



How: **Employer-based**

Units

Core

| National ID | Unit Title |
|-------------|---|
| MSL924003 | Process and interpret data |
| MSL934004 | Maintain and calibrate instruments and equipment |
| MSL934006 | Apply quality system and continuous improvement processes |
| MSL944002 | Maintain laboratory or field workplace safety |
| MSL953003 | Receive and prepare samples for testing |

Elective

| National ID | Unit Title |
|-------------|--|
| MSL913004 | Plan and conduct laboratory/field work |
| MSL924004 | Use laboratory application software |
| MSL954005 | Prepare mineral samples for analysis |
| MSL973013 | Perform basic tests |
| MSL973016 | Perform aseptic techniques |

| National ID | Unit Title |
|-------------|--|
| MSL973019 | Perform microscopic examination |
| MSL974016 | Perform physical and mechanical tests |
| MSL974017 | Prepare, standardise and use solutions |
| MSL974019 | Perform chemical tests and procedures |
| MSL974021 | Perform biological procedures |

Entrance requirements

| School Leaver | Non-School Leaver | AQF |
|---|---|-----------------------------------|
| C Grades in Year 11 WACE General English, and OLNA or NAPLAN 9 Band 8 | C Grades in Year 11 English and Maths or equivalent | Certificate II or Certificate III |

Further study

North Metropolitan TAFE offers you a range of further study opportunities, see below for a list of related courses.

Job opportunities



[Chemistry Technician Assistant](#) | [Earth Science Technician Assistant](#) | [Life Science Technician Assistant](#) | [School Laboratory Technician Assistant](#)

Other job titles may include:

- Laboratory Assistant | Laboratory Technician
- Technical Assistant
- Instrument Operator
- Sampler and Tester
- Production Personnel
- Field Assistant
- Sample Couriers

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

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](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.