



# MSL30118 Certificate III in Laboratory Skills

National ID: MSL30118 | State ID: BDV6

## About this course

### A hands on career where you can help to make a difference

This qualification provides you with **essential laboratory skills** needed to carry out recording and measurement of results and assisting in collecting and preparing of samples. You will learn skills in maintaining a laboratory, routine sampling and testing, recording data, and using laboratory computing programs.

Your Certificate III in Laboratory Skills is **flexible** and available in class or via a traineeship so you can fit study around your life and not the other way around.

Studying at North Metropolitan TAFE you will experience our **well equipped facilities** and learn from **highly trained lecturers** who'll give you the best shot at a variety of careers in science and laboratory operations.

### Gain these skills

- Occupational Health and Safety (OHS) requirements
- Laboratory practices and equipment
- Prepare cultures
- Perform sterile techniques
- Assist with field work

### 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

## Overview

### Continuous enrolment, 2019

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#### East Perth - Employer Based



When: **Not mapped, 2019**



How: **Work-based**

## Units

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### Core

Unit Title	National ID
Communicate with other people	MSL913003
Plan and conduct laboratory/field work	MSL913004
Record and present data	MSL922001
Contribute to the achievement of quality objectives	MSL933006
Participate in laboratory or field workplace safety	MSL943004
Participate in environmentally sustainable work practices	MSMENV272

### Elective

Unit Title	National ID
Work within a laboratory or field workplace (induction)	MSL912001
Prepare practical science classes and demonstrations	MSL914002
Process and interpret data	MSL924003
Use laboratory application software	MSL924004
Maintain the laboratory/field workplace fit for purpose	MSL933005
Perform calibration checks on equipment and assist with its maintenance	MSL933008
Apply quality system and continuous improvement processes	MSL934006

Unit Title	National ID
Maintain and control stocks	MSL934007
Maintain laboratory or field workplace safety	MSL944002
Collect routine site samples	MSL952001
Receive and prepare samples for testing	MSL953003
Obtain representative samples in accordance with sampling plan	MSL954004
Prepare mineral samples for analysis	MSL954005
Conduct routine site measurements	MSL972001
Perform basic tests	MSL973013
Prepare working solutions	MSL973014
Perform aseptic techniques	MSL973016
Perform microscopic examination	MSL973019
Conduct laboratory-based acceptance tests for construction materials	MSL973022

## Entrance requirements

School Leaver	Non-School Leaver	AQF
OLNA or NAPLAN 9 Band 8	C Grades in Year 10 English and Maths or equivalent	Certificate I or Certificate II

## Job opportunities



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

Other job titles may include:

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

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

organisations.

## Important information

The qualification can be gained through an approved traineeship program; however you will need to be employed and registered as a trainee before you can commence training.

Other costs for consideration:

- Personal Protective Equipment (PPE) and Text Books (approx. \$150)

Typical timetable:

- 3 days per week

Workplace:

- Optional

## Fees and charges

View our [Indicative Fees list](#)

### 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.**