



MSS50218 Diploma of Environmental Monitoring and Technology

National ID: MSS50218 | State ID: BEA8

About this course

Assist in the management of environmental issues with this diploma

With a growing importance on conservation and environmental impact of business on ecosystems, conservation and ecosystem restoration, this is a good time to join this industry. It is a slow but **growing area** that is linked to our resource industry and increasing issues with the degradation of ecosystems.

This course covers the skills and knowledge you need to apply a range of methods and technologies to conduct **environmental sampling, testing and monitoring**. The skills are used in most industry sectors and to assist environmental scientists, engineers and planners with site assessment, minimising environmental impacts of processes and remediation/rehabilitation of sites.

This course is multi-faceted, using **field trip activities** including a **regional trip each semester, lab work**, team work and online learning to assess your progress.

Gain these skills

Learn how to plan and conduct environmental project work and use equipment to collect and evaluate data taken from the environment including;

- Ground and surface waters
- Flora and fauna surveys
- Spatial information and mapping
- Air and soil
- Common geological landforms

Is this course right for me?

I have the following attributes:

- An interest in conservation and the environment
- An interest in working to reduce human impacts on the environment
- Analytical thinking and problem solving skills
- Written and oral communication skills

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, 2021

East Perth - On Campus



Duration: **2 Semester/s**



When: **Semester 1, 2021**



How: **On campus**

Units

Core

National ID	Unit Title
MSL943004	Participate in laboratory or field workplace safety
MSL952001	Collect routine site samples
MSL974022	Undertake environmental field-based monitoring
MSMENV472	Implement and monitor environmentally sustainable work practices
MSS024014	Implement environmental management plans and procedures
MSS024015	Apply an understanding of environmental principles to a site
MSS024016	Process and present environmental data
MSS025017	Assist with assessing site environmental indicators
MSS025018	Assess the environmental risk and impact of a project activity or process
MSS025019	Report environmental data

National ID	Unit Title
MSS025020	Provide environmental information to customers

Elective

National ID	Unit Title
MSL954004	Obtain representative samples in accordance with sampling plan
MSMENV272	Participate in environmentally sustainable work practices
MSS024017	Collect spatial and discrete environmental data
MSS024020	Recognise common geological landforms and samples
MSS025005	Produce site maps
MSS025009	Perform sampling and testing of air
MSS025014	Perform sampling and testing of contaminated sites
MSS025021	Collect and evaluate groundwater data
MSS025022	Perform sampling and testing of soils

Entrance requirements

School Leaver

Non-School Leaver

AQF

Completion of WACE General or ATAR
(Minimum C Grades) or equivalent

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equivalent (minimum C Grades)

Certificate III

Further study

This course may provide university entry.

Job opportunities



[Environmental Officer](#) | [Environmental Compliance Officer \(Local Government\)](#)

Other job titles may include:

- Life Science Technician
- Environmental Technician

- Natural Resource Management Officer

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

Important information

We work very hard to help you succeed in our courses, but advise you to consider the following:

- If your English skills are not strong you are encouraged to complete an English course first.
- The best chance for success is if you have completed year 12, a Certificate III or higher, a degree in this or a related course or equivalent training
- If you have not studied for some time you could consider enrolling in a Certificate III in Laboratory Operations to see how your circumstances support your study first before committing to this course. This certificate also gives you some underpinning skills and knowledge that will be valuable for your Diploma studies.

Other costs for consideration:

- Personal Protective Equipment (PPE)
- Stationery
- Three regional field trips (approx. \$100 each)

Typical timetable:

- 2.5 days per week
- Full day field trips
- 3 days/2 nights regional field trip each semester

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.



**North
Metropolitan**

*We're working for
Western Australia.*

Please note, fees are subject to change.



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