



**Central
Regional**



Course **Learner Guide**

Training Area:

**Environmental Monitoring
and Technology**

Training Product:

**MSS40222
Certificate IV in Environmental Monitoring and
Technology**



Your **Future.** Your **Choice.** Your **TAFE.**

Central Regional TAFE spans four regions and around 57% of Western Australia, with nine campuses delivering training that reflects the industries driving our state's economy. From the Midwest and Wheatbelt to the Gascoyne and Goldfields, our footprint is vast – and so are the opportunities.

Studying regionally connects you directly with the jobs that matter. With most agricultural, health, and construction roles based in regional WA, training close to home ensures you build skills where the demand is.

Each campus is shaped by its community and industries. Whether it's aquaculture on the coast, mining in the Goldfields, or agriculture in the Wheatbelt, we work hand-in-hand with employers to make sure your training is current, practical, and linked to real apprenticeships and work placements.

Wherever you live, your local campus is ready to help you succeed – while keeping skills, jobs, and opportunities right here in regional WA.





Your Campus. Your Training. Your Career.

At Central Regional TAFE, it's all about you. We're here to help you shape the future you want, with the right support every step of the way.

Learn from industry experts who bring real-world knowledge into the classroom and gain the confidence and skills employers are looking for. With over 300 nationally recognised courses – from Certificate I through to Advanced Diploma – plus a wide range of short courses, there's a pathway for every ambition.

We know life is busy, so our flexible and online study options help you balance training with work, family, and everything else you've got going on. Add to that payment plans and tailored support, and achieving your goals has never been easier.

Whether you're leaving school, changing careers, or upskilling, you'll find a place at TAFE – and a pathway to a future that works for you.

Train where you live. Build real skills. Shape a future that works – with Central Regional TAFE.



Course Information

MSS40222 – Certificate IV in Environmental Monitoring and Technology

Release number	5
Required number of units for course completion	Total of 16 units 8 core units and 8 elective units
Duration	1 year
Location	Geraldton campus
Delivery mode	Face-to-Face

IS THIS COURSE RIGHT FOR ME?

Before you choose this course, it's a good idea to think about the skills and knowledge you might need. The information below will help you decide if the course is a good fit for you, or if there are areas where you might need some extra support.

Information you need to know about the course

The Certificate IV in Environmental Monitoring and Technology (MSS40222) provides learners with the skills and knowledge to conduct environmental sampling, testing, and monitoring across various industries. Key areas include air, water, soil, and rock testing, geotechnical services, natural resource management, water and wastewater management, and solid and hazardous waste management. Graduates are prepared to work as environmental assistants, technicians, or similar roles in enterprises, service providers, non-government organisations, or government agencies.

Learners will gain practical experience operating monitoring equipment, collecting samples, conducting field and laboratory tests, and processing environmental data. This course is suitable for former students, employees seeking upskilling, and new learners aiming to build a career in environmental monitoring and technology.

Course Pathways

This course aims to help you develop skills and knowledge that may support entry into a range of job roles or further study. MSS50222 – Diploma of Environmental Monitoring and technology. Further details can be found on our website [here](#).

National Course Entry Requirements

Nil

Central Regional TAFE (CR TAFE) Entry Requirements

You must have a Unique Student Identifier (USI) to enrol in and complete any nationally recognised training in Australia. If you do not have a USI or need help getting one, we can assist you with the process.

Students enrolling in this course may come from diverse backgrounds and have varying levels of prior experience. There are no formal prerequisites, though learners should be over 15 years of age and physically capable of performing environmental monitoring tasks and based in Geraldton. Some students may have previous industry experience, while others may be entry-level. There are no licensing requirements for entry, but learners should have basic digital literacy and be confident using technology.

Before you enrol, CR TAFE is required to review your language, literacy, numeracy and digital (LLND) skills to help you decide if the course is right for you, identify any support you might need, or whether other learning options may be better suited to you at this time.

For this course, the method of LLND review will be completed of a learner profile questionnaire to identify LLND needs.

Examples of required LLND skills include:

- Reading skills to interpret work instructions, workplace policies and procedures correctly
- Writing skills to enter data into workplace information systems
- Writing skills to present information using appropriate grammar, spelling and punctuation
- Language skills to report hazards and incidents
- Numeracy skills to calculate simple scientific quantities using given formulae and data
- Digital skills to use sampling and measuring equipment
- Digital skills to use online reporting systems

Fees and Payments

Whether you are enrolling in individual units and/or full qualifications at CR TAFE, you are responsible for paying the enrolment fee for each unit you enrol in.

You will find detailed information about your course costs and how they are calculated on our website [here](#).

You can also check the drop-down box for FEES on your course page on the website which has details about the course fees.

Further information on:

- key payment terms and conditions
- availability of any relevant government training entitlements and subsidies
- our withdrawal and refund requirements

is available under the Fees and Payment Options section in the Student Handbook on our website [here](#).

Our Student Business Systems team can help if you are unsure about any fee information. Please refer to the Contacts section, on how to contact us.

Learning Resources

You will be provided with the following learning resources for your course:

- Printed materials (learner guides, fact sheets, handouts, procedures)
- Computer classroom or laptop bank
- Fully equipped wet and analytical laboratory

Learners will have full access to college suites of applications, including:

- Microsoft 365 - Word, PowerPoint, Excel, Teams
- Adobe
- Web link
- Blackboard LMS
- Team tutorials

Resources and equipment you need to bring

You are required to provide (at your own expense) the following list of resources/equipment:

- Hat (wide brimmed or legionnaire style preferred)
- Sunglasses, uniform or high-vis shirt for field work, and enclosed shoes
- Steel cap lace up boots (essential for some industrial site visits)
- Calculator, ruler, pens, pencils and other writing implements
- Paper/A4 exercise books, folder (Ring and display), protector sheets

CR TAFE online library resources

Our online library has a wide range of electronic resources useful to your course. You can find our online library on the CR TAFE website [here](#). Library staff are available to assist you as required.

My Portal

There is a variety of information available to students on our website under [Current Students myPortal](#). Once you are enrolled, the Student Portal will allow you to view the following:

- My application - view the status of your application to study
- My payments - view your payment history and instalment plan details (if relevant)
- My study - view your course details, units and academic records
- My details - view and update your personal information
- My tasks - view any notices from Central Regional TAFE
- Blackboard - links directly to the Blackboard e-learning platform

Recognition of Prior Learning

Recognition of prior learning (RPL) means an assessment process that involves assessment of an individual's relevant prior learning and experience (including skills and knowledge obtained through formal and informal learning) to determine the extent to which the individual meets requirements specified in the training product. If you think you have existing knowledge and skills in one or more of your units of study, you may apply for RPL. Should you apply for RPL, you will be supported through the process by a lecturer. For further information visit our website [here](#).

This is a short-duration course structured around hands-on practical training, with assessments methods such as direct observation of skill demonstrations, Written test or oral questioning, and assignments (e.g. projects, evidence portfolios). Successful completion of the RPL will result in credit being awarded for the relevant unit(s).

Credit

Credit can be given if you have successfully completed a unit or module that has the same code or is deemed equivalent to one in your current course. You may have completed this unit/module at a Registered Training Organisation or at an alternate authorised organisation such as a university.

You will have to provide some evidence you have successfully completed the unit or module. This might include authenticated VET transcripts or other AQF certification documents like Statements of Attainment, Records of Results etc.

You won't be charged for credit. If you think this might apply to you, contact your lecturer to discuss eligibility, the application process and the evidence you need to provide.

Note: CR TAFE will not issue an Award or Statement of Attainment that is achieved wholly through crediting units completed at another RTO.

Appeals and Feedback

CR TAFE values student feedback and recognises that opportunities to improve products and services arise from the effective handling of student complaints. Complaints are processed in a way that balances the interests of students and CR TAFE while making sure the process is fair for everyone.

Students are supported to [provide feedback and make complaints](#). Students have the right to appeal decisions made by the lecturer/assessor and CR TAFE. For example, if you have concerns about your assessment results, please approach your lecturer to discuss the issue and/or refer to our website for details [here](#).

Student Support Services

CR TAFE aims to provide a supportive learning environment for all students. If you have any support needs, either before you enrol or during your course, we encourage you to speak with your lecturer or the Student Support Services team. CR TAFE will provide, or help you access, the support that can assist you in your studies.

Training Support:

You are encouraged to identify any training support that you may need before you enrol and at any point during your learning journey. This may include but not limited to:

- Study for Skills
- Accessing and using technology
- Assessments
- Disability support
- Aboriginal and Torres Strait Islander support

Wellbeing Support:

CR TAFE is dedicated to supporting students and to providing a safe and inclusive learning environment for all students including a culturally safe learning environment for Aboriginal people. CR TAFE recognises that student wellbeing is important for a successful learning journey and may provide, or support access to, appropriate services where needed. Wellbeing support may include, but not limited to:

- Counselling and mental health resources (external)
- Career Services and Guidance (internal)
- Financial (fee and debt payment options, scholarships) (internal)
- Abuse, harassment, bullying (internal and external)
- Crisis and Support Lines (external)
- Support for Aboriginal students (internal and external)
- Aboriginal Counselling Support (external)
- Support for students with disability (internal and external)
- Support for international students (internal)

For confidential, no obligation contact information for wellbeing support, please contact our Student Support Services team who can help you with more information on how to access these support services, or go to our [website](#).

Contacts:

Lecturer contact details:

Name: Belinda Campbell

Phone number: 08 9956 2720

Email: Belinda.campbell@crtafe.wa.edu.au

Building: B block B037

Availability: Monday to Friday (08.00 am – 16.00 pm)

Name: Chonnikan Polsena

Phone number: 08 9956 2938

Email: chonni.polsena@crtafe.wa.edu.au

Building: B block B037

Availability: Monday to Friday (08.00 am – 16.00 pm)

To speak to our Student Business System Team, Student Support Services Team, our Technical Support Team, Aboriginal Support Services or your local Access and Equity Inclusion Officer, contact: 1800 672 700 or enquiries@crtafe.wa.edu.au.

Alternatively, you can complete an online enquiry form <https://www.centralregionaltafe.wa.edu.au/contact-us>.

For help with all things career, training and employment, contact our Jobs and Skills Centres at either our Geraldton, Kalgoorlie or Northam campuses, or call 13 64 64 or go to www.jobsandskills.wa.gov.au.

Award

Upon successful completion of this course, you are entitled to an Award and a Record of Achievement. Should you not have successfully completed all the units of competency required for the Award, you are entitled to a Statement of Attainment for the individual units for which you have been assessed as competent.

Further Resources and Information

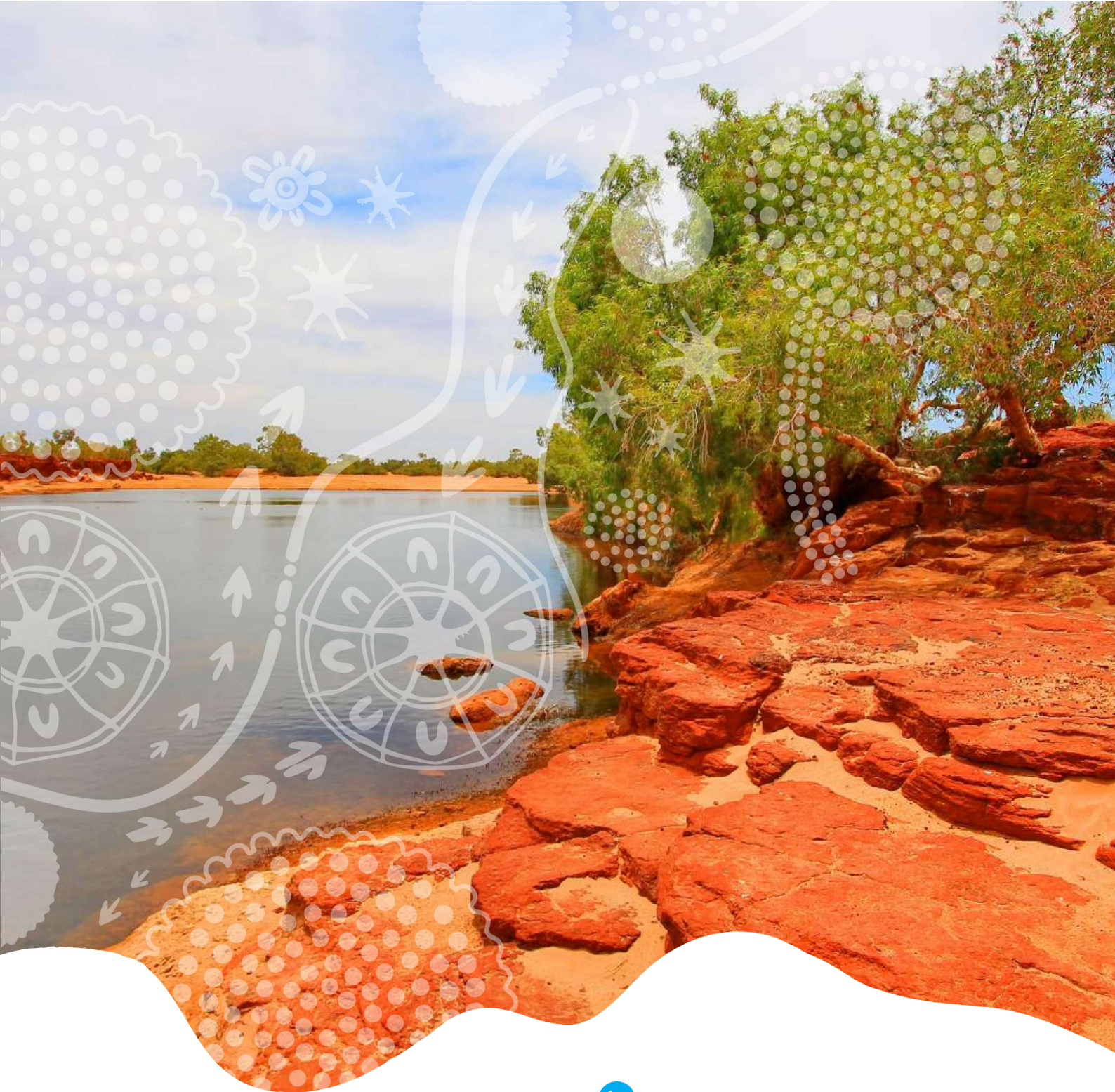
More information can be found in our Student Handbook, available for download off our website [here](#).

Notification of Changes to the Course

You will be informed in writing by your lecturer of any changes that affect your course after enrolment. You will be supported throughout the change to ensure there is minimal disruption to your learning journey.

Overview of Training Hours and Assessment Methods The table below outlines the units you need to complete. It shows the types of training you are required to do, approximately how much time they should take, and how each unit will be assessed. This will help you understand how much time you will need to set aside for each unit you are enrolled in.

Stage	National ID	Unit Of Competency	Face to Face	Workshops	Work Placement	Structured Out Of Class Activities	Tutorial Study Support	Total	Assessment	Delivery Mode	Core / Elective	Group	Pre-Requisites National Code/s
Sem 1, 2027	MSL974022	Undertake environmental field-based monitoring [OAC28]	52.00	0.00	0.00		0.00	52.00	20.00	Face To Face	Core		
	MSMENV272	Participate in environmentally sustainable work practices [AWC13]	12.00	0.00	0.00		0.00	12.00	10.00	Face To Face	Core		
	MSS024025	Work and communicate effectively as an environmental technician [OEQ39]	48.00	0.00	0.00		0.00	48.00	10.00	Face To Face	Core		
	MSL954004	Obtain representative samples in accordance with sampling plan [OAC47]	41.00	0.00	0.00		0.00	41.00	5.00	Face To Face	Elective	Group A Elective Units	
	MSL973016	Perform aseptic techniques [OAC93]	26.00	0.00	0.00		0.00	26.00	10.00	Face To Face	Elective	Group C Elective Units	
	MSL973019	Perform microscopic examination [OAC81]	26.00	0.00	0.00		0.00	26.00	10.00	Face To Face	Elective	Group C Elective Units	
Sem 2, 2026	MSS024030	Perform sampling and testing of water [OER42]	52.00	0.00	0.00		0.00	52.00	10.00	Face To Face	Elective	Group A Elective Units	
	MSL943004	Participate in laboratory or field workplace safety [OAB95]	35.00	0.00	0.00		0.00	35.00	5.00	Face To Face	Core		
	MSL952001	Collect routine site samples [AWO36]	35.00	0.00	0.00		0.00	35.00	5.00	Face To Face	Core		
	MSS024026	Apply environmental management procedures [OEQ16]	41.00	0.00	0.00		0.00	41.00	10.00	Face To Face	Core		
	MSS024027	Participate in environmental field work [OES39]	41.00	0.00	0.00		0.00	41.00	20.00	Face To Face	Core		
	MSS024028	Process and present environmental data [OER49]	52.00	0.00	0.00		0.00	52.00	10.00	Face To Face	Core		
	MSL904002	Perform standard calibrations [OAC22]	41.00	0.00	0.00		0.00	41.00	8.00	Face To Face	Elective	Group A Elective Units	
	MSL924004	Use laboratory application software [OAC85]	42.00	0.00	0.00		0.00	42.00	10.00	Face To Face	Elective	Group A Elective Units	
	MSL974019	Perform chemical tests and procedures [OAC78]	52.00	0.00	0.00		0.00	52.00	10.00	Face To Face	Elective	Group B Elective Units	
	MSS024029	Collect spatial and discrete environmental data [OEQ45]	42.00	0.00	0.00		0.00	42.00	7.00	Face To Face	Elective	Group A Elective Units	
		Total	638.00	0.00	0.00	0.00	0.00	638.00	160.00				
Cluster		Unit Of Competency											Core / Elective



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