

Course **Pre-Enrolment Guide**

Training Area:

**Applied and Environmental
Sciences**

Training Product:

**MSS50222
Diploma of Environmental Monitoring
and Technology**

MSS50222 Diploma of Environmental Monitoring and Technology

Release number	1.0
Required number of units for course completion	20 units
Course Duration	Full time – 18 months Start date: 01 February 2027 Finish date: 30 June 2028
Location/s	Geraldton campus
Delivery mode	• Face to Face - <i>Requires you to attend classes on campus and may include activities such as demonstrations, practice and feedback, discussions and group activities. In some courses there may be a requirement to undertake some of the training and/or assessment in a workplace.</i> • Recognition of Prior Learning - <i>If you think you have existing experience, 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.</i>

Course Description

This qualification reflects the role of workers who apply a range of laboratory technologies to conduct scientific-technical tests in most industry sectors, utilising specialist technical knowledge. They conduct a wide range of routine and complex, specialised tests where atypical samples may be involved and the instrumentation used has a wide range of operating variables. Workers communicate sample requirements to other personnel and may liaise with suppliers to troubleshoot product non-conformance. They may also demonstrate methods to others and train team members to collect samples and conduct basic tests reliably.

Workers contribute to the modification of standard operating procedures (SOPs) and enterprise methods when necessary and they may also have a role in the planning of schedules and monitoring of resources in their work area. Work is carried out according to established procedures, often under the management of laboratory or quality managers, or scientific/medical professionals.

Course Considerations

Physical capability: You will be required to:

- Stand for extended periods during practical sessions
- Use laboratory instruments and specialised equipment
- Lift or move light laboratory materials safely
- Undertake repetitive manual tasks
- Wear required personal protective equipment (PPE)

Emotional and mental requirements: You will need to:

- Maintain concentration and attention to detail
- Follow strict safety procedures
- Work accurately under timeframes
- Manage workload across practical, theory and assessment requirements
- Work independently and as part of a team during placement

Environmental requirements: Training will involve:

- Working in laboratory environments
- Exposure to chemicals, biological materials or testing substances under controlled conditions
- Handling laboratory waste, including chemical and biological waste, in accordance with safety procedures
- Use of safety glasses, laboratory coats and other PPE

Cultural and Social aspects: Students are expected to:

- Work respectfully with diverse peers and staff
- Participate in group practical activities
- Follow CR TAFE student conduct requirements

Course fees

For information about courses and fees, refer to the Course Website.

[Courses | Central Regional Tafe](#)

Course Pathways

Pathways into the qualification, may include:

- Direct entry or from MSS40222 Certificate IV in Environmental Monitoring and Technology

Pathways from this qualification, may include:

- Further study in Environmental Science or a related discipline.

Further details can be found on our website [here](#).

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.

You must:

- Speak and understand English
- Live in Geraldton or surround
- Be able to participate safely in laboratory environments

Language, Literacy, Numeracy and Digital (LLND) Requirements

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 courses may be better suited to you at this time.

For this course, the method of LLND review will be

- Interview with CR TAFE staff member
- Enrolment review process
- LLND quiz or screening activity
- Review of prior education history

Students are expected to have reading, writing, numeracy and digital literacy skills to an OLNA equivalence.

Learning 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
- 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

Online learning materials

CR TAFE may provide access to:

- Printed materials (learner guides, fact sheets, handouts)
- Customised Power Points
- Web links
- Internet access
- Teams classroom
- Collage library

Timetable and Training Hours

The course is delivered over approximately **57 weeks across 3 Semesters**.

Study pattern:

- 4 day per week
- 5 hours per day

Each stage comprises a grouping of units that sequentially build skills and knowledge for the qualification.

- Semester 1 comprises units relating to foundation skills and knowledge and prerequisites.
- Semester 2 comprises units that develop on these foundation skills and knowledge.
- Semester 3 comprises units that hone the skills and knowledge for a deeper holistic experience.

Assessment Methods

- Knowledge questions: This involves answering questions, either orally or in writing relating to the unit of competency.
- Observations: This involves your assessor or a third party (workplace supervisor) observing you perform tasks in the workplace and/or simulated workplace to check that you have the knowledge and skills required for the unit of competency.
- Project: This involves completing tasks or activities in the workplace and/or simulated workplace to show that you can apply the knowledge and skills required for the unit of competency.
- Portfolio: This is a collection of evidence you put together, such as documents, examples of your work, or completed activities, to show that you have the knowledge and skills required for the unit of competency.

Note: The specific assessments required for each unit of competency will be outlined in the Training and Assessment Plan (TAP) for that unit. You will receive a copy of the TAP for each unit when you enrol.

Further information

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

Contacts:

Portfolio Name: Marine, Environment and Technology

Phone number: 08 99562871

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Building: BCMI

Alternatively, you may contact the college on 1800 672 700

Or enquire via our website enquiry form [here](#):



**Central
Regional**

RTO: 52789



1800 672 700



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