

Course **Pre-Enrolment Guide**

Training Area:

**Applied and Environmental
Sciences**

Training Product:

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

MSS40222 Certificate IV in Environmental Monitoring and Technology

Release number	1.0
Required number of units for course completion	16 units
Course Duration	Full Time – 1 year Start Date: 8 February 2027 Finish Date: 17 December 2027
Location/s	Geraldton Campus
Delivery mode	• Face to Face - Requires you to attend classes on campus and may include activities such as demonstrations, practice and feedback, discussions and group activities • Recognition of Prior Learning - 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.

Course Description

This qualification specifies the competencies required to conduct environmental sampling, testing and monitoring in a variety of industries and contexts, including but not limited to:

- environmental monitoring, sampling and field testing (e.g. air, water, soil and rocks)
- geotechnical services
- natural resource management
- water supply and treatment, and storm and wastewater management
- solid and hazardous waste management.

This qualification applies to environmental assistants, environmental technicians and similar personnel typically employed by enterprises, service providers, non-government organisations or Commonwealth, state/territory/local governments.

Many of these employees are engaged in the monitoring of environmental impacts at industrial sites. They operate monitoring equipment, collect samples and conduct tests in the field and/or at site laboratories. Other employees may collect a range of field data relating to the suitability of land, levels of water use and similar factors and process and present these data using geographical information systems (GIS) software.

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
- Complete written and practical assessments

Environmental requirements: Training will involve:

- Working in laboratory environments
- Exposure to chemicals, biological materials or testing substances under controlled conditions
- 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 fees, refer to the Course Website.

[Courses | Central Regional Tafe](#)

Course Pathways

Pathways into the qualification may include:

- Direct entry or from MSL30122 Certificate III in Laboratory Skills

Pathways from this qualification may include:

- MSS50222 Diploma of Environmental Monitoring and Technology

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 surrounding
- Be able to participate safely in laboratory environments
- Be at least 15. Students under 18 may require parental/guardian consent where applicable

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)
- Scientific Calculator (Casio preferred)
- 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
- Canvas LMS
- College library

Timetable and Training Hours

The course is delivered over approximately **38 weeks across 2 semesters**.

Study pattern:

- Class scheduled 9 am – 12 pm and 1 pm – 3 pm
- Approximately 21 hours per week

Semester One generally focuses on workplace safety and relevant skill which provide the knowledge and foundation for the remaining units

Semester Two generally further develop the skills for this qualification.

Exact class days, times and room locations will be provided prior to commencement.

Assessment Methods

- Knowledge questions: This involves answering questions, either orally or in writing relating to the unit of competency.
- Observations: This involves your assessor observing you perform tasks in the 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 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
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1800 672 700



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