

Course **Pre-Enrolment Guide**

Training Area:

**Applied and Environmental
Sciences**

Training Product:

**MSL20122
Certificate III in Sampling and
Measurement**

MSL20122 – Certificate III in Sampling and Measurement

Release number	1.0
Required number of units for course completion	8 units
Course Duration	1 Semester Start date: 1 February 2027 Finish data: 2 July 2027
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 perform a range of sampling and measurement activities as part of laboratory, production or field operations in the construction, manufacturing, resources and environmental industry sectors. Job roles include samplers and testers, production personnel, plant operators, production operators, field assistants, drivers and sample couriers.

Samplers and testers conduct limited sampling and testing as part of their duties in a particular industry. They use a restricted range of skills and operational knowledge to perform tasks and do not generally work inside a laboratory. They:

- follow set procedures to sample raw materials and products
- may package, label, store and transport samples
- use simple equipment (hydrometers, thermometers and pH meters) to make measurements and perform basic tests that take a short time and involve a narrow range of variables and easily recognised control limits
- may make visual inspection of products and packaging.

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 VET Delivered to Secondary Students (VETDSS) courses and fees, refer to the VETDSS info page.

[VET Delivered to Secondary Students \(VETDSS\) | Central Regional Tafe](#)

Course Pathways

Pathways into the qualification may include:

- Direct entry

Pathways from the qualification may include:

- MSL30122 Certificate III in Laboratory Skills

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
- Be able to participate safely in laboratory environments
- Be based in Geraldton or surround areas

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 the documents your school provides to the College will be reviewed to confirm that you have the LLND skills needed for this course

- An interview with a school staff member
- Online LLN Assessment
- Recommendation from the school
- Interview with CR TAFE staff member

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

Learners will be provided with the following resources by CRTAFE:

- Field and laboratory record forms (to be completed and stored in folder by students)
- Fully equipped wet and analytical laboratory (including all equipment and reagents)
- Laboratory coat
- Safety glasses
- Gloves
- Learner guides and power points

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

- Microsoft 365 - Word, PowerPoint, Excel, Teams
- Adobe

Timetable and Training Hours

The course is delivered over approximately **19 weeks**.

Study pattern:

- 3 days per week
- Approximately 2-5 hours per day

Term 1 establish foundational skills in working within a laboratory, safety, recording data, and planning work activities.

Term 2 learners build on this foundation through progressively more complex, hands-on tasks such as sample collection, preparation, measurement, and testing.

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 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.
- 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

Email: CRT.MET.Portfolio.Assistant@crtafe.wa.edu.au

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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