

Course **Pre-Enrolment Guide**

Training Area:

**Applied and Environmental
Sciences**

Training Product:

**MSL40122
Certificate IV in Laboratory
Techniques**

MSL40122 Certificate IV in Laboratory Techniques

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: 3 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 reflects the role of workers who perform a range of laboratory techniques, including manual, semi-automated and fully automated methods, to collect and prepare samples in a laboratory. They conduct a wide range of basic, and limited range of specialist tests across a variety of industry sectors.

Workers may be required to assist other personnel to solve technical problems and adjust formulations and production mixes. They may also train others to collect samples and conduct basic tests reliably.

This qualification supports employment outcomes in a range of laboratory environments including schools, mining, construction, pathology, environmental monitoring and manufacturing.

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

Credit transfer from MSL30122 Certificate III in Laboratory Skills

Pathways from this qualification may include:

MSL50122 Diploma of Laboratory Technology

Job roles may include:

Laboratory Technician

Laboratory Assistant

Quality Assurance Technician

Sampling Officer

Technical Laboratory Support Officer

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

National/State 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.

You must:

- Speak and understand English
- 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:

- Stationery
- Steel cap boots
- Scientific calculator (Casio preferred)

Online learning materials

CR TAFE may provide access to:

- Canvas LMS
- Microsoft Teams Classroom
- Web links
- Electronic learning materials

Timetable and Training Hours

The course is delivered over approximately **40 weeks across 2 semesters**.

Study pattern:

- 4 days per week

- Approximately 5 hours per day

Semester One generally focuses on foundation laboratory skills.

Semester Two generally builds on these skills with higher-level laboratory techniques and quality systems.

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:

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



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