

<b>Subject name</b>	<b>Certificate II in Sampling and Measurement MSL20122</b>
<b>Subject code</b>	VSM
<b>Subject type</b>	VET (1 - 2 years)
<b>Subject fee</b>	\$20 Students may be required to travel by bus to some off-campus sites to conduct scientific activities.
<b>Entry requirements</b>	Nil

**QUALIFICATION DESCRIPTION:**

This qualification is designed to give students knowledge and practical experiences in a range of scientific operations. The emphasis is on developing work related skills in scientific industries.

**Certificate II Sampling and Measurement** develops students who:

- are interested in and understand the scientific world around them
- engage in discussions about science
- are able to identify questions, investigate and draw evidence-based conclusions
- can question claims made by others about scientific matters
- make informed decisions about the environment and their own health and wellbeing

The Certificate II Sampling and Measurement balances the suite of senior science subjects by offering students opportunities to engage meaningfully in work-based applications of science. As such, this skills-based course gives rise to dual outcomes in employability and scientific literacy.

**QUALIFICATION PACKAGING RULES:**

The Certificate II Sampling and Measurement course focuses on the hands-on nature of science and provides students with opportunities to develop the key competencies in contexts such as Forensics, Microbiology, Food Science and Environmental Studies.

Students in this course will work through **eight units of competency: 4 Core units and 4 Elective** units during a maximum time of two years.

Unit Code	Unit Name	Core/Elective
MSMENV272	Participate in environmentally sustainable work practices	Core
MSL912002	Work within a laboratory or field workplace (induction)	Core
MSL922002	Record and present data	Core
MSL943004	Participate in laboratory or field workplace safety	Core
MSL952003	Collect routine site samples	Elective
MSL972002	Take routine site measurements	Elective
MSL913004	Plan and conduct laboratory/field work	Elective
MSL973025	Perform basic tests	Elective

**COURSE DELIVERY:**

Centenary Heights SHS Science staff will deliver and assess the modules associated with the Certificate.

Specific practical and some written tasks will need to be completed in order to achieve the desired competencies of the course. This includes an element of Work Industry placement.

**CAREER OPPORTUNITIES:**

The scientific skills and key competencies developed by this course are relevant to employment in a range of fields such as the resource sector, health and medicine, animal welfare, pharmaceutical industry, research, recreation and tourism, food technology, biotechnology and forensics; and may form the basis of further training and education.

**SERVICE AGREEMENT:**

The RTO guarantees that the student will be provided with every opportunity to complete the certificate as per the rights and obligations outlined in the enrolment process and information handbooks provided. Students successfully achieving all qualification requirements will be provided with the Qualification and record of results. Students who achieve at least one unit (but not the full qualification) will receive a Statement of Attainment. Students entering this qualification after it has commenced may have difficulty in gaining the full qualification in the remaining time.



RTO Provider Code - 30258

**PLEASE NOTE:** Unforeseen loss of qualified staff may result in the qualification not being completed. Correct at time of publication but subject to change