

# MSL20118 Certificate II in Sampling and Measurement



This course offers entry level technical training in skills applied to scientific sampling and measurement in a field situation. It has been developed with the support of scientists and large mining companies to suit the needs of the mining and infrastructure sector.

## COURSE DURATION

This course is offered to Queensland secondary schools under the VETiS program. Course delivery is negotiated individually with each school. Course duration for this program is approximately 3 months, inclusive of face to face and online components.

## QUALIFICATION AND COMPETENCIES

This course covers the qualification MSL20118 - Certificate II in Sampling and Measurement:

<b>MSMENV272</b>	Participate in environmentally sustainable work practices
<b>MSL912001</b>	Work within a laboratory or field workplace (induction)
<b>MSL922001</b>	Record and present data
<b>MSL943004</b>	Participate in laboratory or field workplace safety
<b>MSL952001</b>	Collect routine site samples
<b>MSL952002</b>	Handle and transport samples or equipment
<b>MSL972001</b>	Conduct routine site measurements
<b>MSL933008</b>	Perform calibration checks on equipment and assist with its maintenance

Other sampling competencies are available.

## COURSE TOPICS

This course is designed to give students a practical understanding of the skills and knowledge required to begin work in the resources and infrastructure industry as a technician taking environmental and other field samples.

Topics will aid those students considering work in the fields of science and engineering.

## COURSE ASSESSMENT

This course contains written and practical assessment. Performance of practical skills is mandatory.

## WHEN AND WHERE

We will tailor delivery to suit individual schools. This course will include components inside and outside the school setting as well as online theory. Due to the specialist nature of this training program, and substantial preparation requirements, timing of courses is by negotiation.

## COST

There is no charge for eligible students under VETiS arrangements. All transport, materials, PPE and other resources will be provided.

## PRE-REQUISITES

This course is only suitable for students who excel in senior science and who have an interest in further university study in the fields of Science, Technology, Engineering or Mathematics.