



## The science behind testing and sampling construction materials

### COURSE DESCRIPTION

This highly engaging qualification is ideal for those considering a career as a soils and material tester in the civil construction industry. The Diploma of Laboratory Technology covers the skills and knowledge required to apply a range of laboratory technologies to conduct scientific-technical tests and sampling within the construction industry.

Upon completion, students will have the skills and knowledge to function competently in laboratory and field environments.

### PREREQUISITES AND ENTRY REQUIREMENTS

There are no formal entry requirements, however, it is preferred that participants have some experience in the industry.

### COURSE DELIVERY

Gold Training delivers flexible training with instructors who have extensive industry experience. Gold Training offer this qualification:

- via an on-the-job traineeship
- face to face
- delivered direct to your laboratory

### RECOGNITION OF PRIOR LEARNING (RPL)

Gold Training recognises that you may have skills or knowledge from previous learning or work experience, you may be eligible to apply for Recognition of Prior Learning and/or Credit Transfer towards partial completion of this qualification.

### LANGUAGE, LITERACY & NUMERACY (LLN) ASSESSMENT

It is a requirement for this qualification that participants complete an LLN assessment to ascertain whether further support opportunities are required to assist completion of this qualification. Please complete our LLN assessment [here](#) and provide with your enrolment.

### VOCATIONAL OUTCOMES

- collect and prepare samples
- conduct a wide range of routine and specialised tests
- contribute to the modification of standard operating procedures
- define and solve problems
- maintain laboratory and field workplace safety
- communicate with others

### COURSE FEES

Course fees may vary depending on the units you are enrolled in so an approximate amount has been shown based on Gold Training's standard unit selection. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

- face to face - price on application

### UNIQUE STUDENT IDENTIFIER (USI)

From 1 January 2015, participants undertaking nationally recognised training require a USI before they can receive their training records and results. Once a USI is created participants will continue to use their USI for any future nationally recognised training they undertake.

Your USI links to an online account that contains all of your training records and results that you have completed after 1 January 2015.

If you would like to create your own USI prior to commencing training with Gold Training please visit [www.usi.gov.au](http://www.usi.gov.au). Alternatively, with your permission (which can be provided when completing your enrolment form) Gold Training will create your USI number on your behalf.

**For enquiries about this course please call 1300 885 121 or  
email [gt.studentadmin@goldtraining.edu.au](mailto:gt.studentadmin@goldtraining.edu.au)**

## COURSE UNITS

MSL913001	Communicate with other people
MSL913002	Plan and conduct laboratory/field work
MSL915001	Provide information to customers
MSL924001	Process and interpret data
MSL924002	Use laboratory application software
MSL925001	Analyse data and report results
MSL934002	Apply quality system and continuous improvement processes
MSL944001	Maintain laboratory or field workplace safety
MSMENV472	Implement and monitor environmentally sustainable work practices
MSL904001	Perform standard calibrations
MSL915002	Schedule laboratory work for a small team
MSL916005	Manage complex projects
MSL935001	Monitor the quality of test results and data
MSL935003	Authorise the issue of test results
MSL935004	Maintain instruments and equipment
MSL954001	Obtain representative samples in accordance with sampling plan
MSL973009	Conduct field-based acceptance tests for construction materials
MSL973010	Conduct laboratory-based acceptance tests for construction materials
MSL974005	Perform physical tests
MSL975007	Supervise sampling, inspections and testing at construction sites
MSL975023	Supervise geotechnical site investigations

\*Course units are subject to change

## STUDENT HANDBOOK

View the [Gold Training Student Handbook](#) for more information about course fees, the appeals and complaints process, and training with us.

## HOW TO APPLY

Please complete the Gold Training enrolment form including collating your supporting documents and forward to [gt.studentadmin@goldtraining.edu.au](mailto:gt.studentadmin@goldtraining.edu.au).

The Gold Training enrolment form is available via our [website](#).



**NATIONALLY RECOGNISED  
TRAINING**