

Course Details:

MSL30122 Certificate III in Laboratory Skills

Course Aims

The Certificate III in Laboratory Skills is designed to provide students with the skills and knowledge to work as a member of a laboratory team. Students will learn to follow set procedures, including laboratory OH&S requirements, and how to assist in collecting and preparing samples. They will also gain skills in using basic laboratory equipment and in carrying out, measuring and recording results of test procedures and experiments in research, chemical, biological or life sciences.

Course Delivery

Location and Times

Year 1: Swinburne University of Technology, 12 – 50 Norton Road, **Croydon**. Wednesday 12:30pm – 5:30pm

Year 2: Swinburne University of Technology, 369 Stud Road, **Wantirna**. Wednesday 12:30pm – 5:30pm

Mode of Delivery: Classroom/Laboratory

Duration: 2 years part time

On successful completion of this program the student will achieve:

Credit towards VCE, VCE VM, VPC and Intermediate VCAL

All VET in school programs contribute units towards VCE and VCE VM. To confirm the number of units and if the program has a scored assessment and therefore a study score, please refer to the following VCCA Get VET resource:

[VCE-VET-program-chart.pdf](#)

Further information can be found on the VTAC website: www.vtac.edu.au and/or www.vcaa.vic.edu.au

Qualification: Be eligible for the award of **MSL30122 Certificate III in Laboratory Skills**.

Additional Requirements/ Information:

Name of RTO & Provider of Qualification:

Swinburne University of Technology
(TOID 3059)

RTO Student Information:

Please refer to <http://www.swinburne.edu.au/policies-regulations/> and www.mullumvetcluster.com.au for student rights and responsibilities while on campus.

Clothing and Equipment:

- Closed toe shoes
- Pen
- Exercise book
- Long hair must be tied back during practical classes

Excursions: Some excursions may be organised for collection of samples for lab analysis.

Work Placement: Not required.

Other: Current for 2024

Future Pathways and Opportunities:

Complementary studies:	<ul style="list-style-type: none"> Biology Chemistry 	<ul style="list-style-type: none"> Environmental Science Physics
Pathways:	<ul style="list-style-type: none"> Certificate IV in Laboratory Techniques Diploma of Laboratory Technology 	<ul style="list-style-type: none"> Advanced Diploma of Laboratory Operations Bachelor of Science (major in Chemistry, Biochemistry or Biotechnology)
Possible Future Career Opportunities:	<ul style="list-style-type: none"> Laboratory Attendant Chemical Process Operator 	<ul style="list-style-type: none"> Scientific Glassblower Technical Assistant

Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Core/Elective
BSBCMM211	Apply communication skills	40	C
MSL904003	Perform standard calibrations	50	E
MSL913004	Plan and conduct laboratory/field work	40	E
MSL922002	Record and present data	40	E
MSL933005	Maintain the laboratory/field workplace fit for purpose	30	E
MSL943004	Participate in laboratory or field workplace safety	40	C
MSL953003	Receive and prepare samples for testing	30	E
MSL973025	Perform basic tests	60	E
Total nominal hours		330	

Year 2: Competencies covered in the second year:

Unit Code	Unit Name	Assessment Plan	Nominal Hours	Core/Elective
MSL973015	Prepare culture media	Portfolio 08	30	E
MSL973027	Perform technique that prevents cross contamination		40	E
MSL973028	Perform microscopic examination	Portfolio 07	40	E
MSL933009	Contribute to the achievement of quality objectives	Portfolio 08	30	C
MSL973026	Prepare working solutions	Work Performance 01	50	E
Total nominal hours			190	

