

laboratory skills

Course Code & Name:		Certificate III in Laboratory Skills MSL30118
		Current for 2021
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, 369 Stud Road, Wantirna 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 based
	Duration:	2 years part time

On successful completion of this program the student will achieve:

Credit towards VCE/VCAL	VCE:	Eligible for up to 6 units of credit towards their VCE, up to 3 units at the 1&2 level and a Units 3&4 sequence. ATAR Contribution: Students wishing to receive an ATAR contribution for the Units 3&4 sequence of Program 2: Certificate III in Laboratory Skills must undertake scored assessment for the purpose of achieving a study score. This study score can contribute directly to the ATAR, either as one of the student's best four studies (the primary four) or as a fifth or sixth study.
	VCAL:	This program contributes to the Industry Specific Skills Strand of VCAL and may also contribute to the Work Related Skills Strand of VCAL.
	Qualification:	Be eligible for the award of MSL30118 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.
	OHS / Personal Protective Equipment:	Students must wear enclosed footwear. Long hair must be tied back.
	Excursions:	Some excursions may be organised for collection of samples for lab analysis.
	Work Placement:	Not required but 40 hours of work placement per year is highly recommended.
	Other:	Please note this course is subject to change.

Units of Competency:

Year 1: Competencies covered in the first year:

Unit Code	Unit Name	Nominal Hours	Compulsory / Elective
MSMENV272	Participate in environmentally sustainable work practices	30	C
MSL913003	Communicate with other people	40	C
MSL913004	Plan and conduct laboratory/field work	40	C
MSL922001	Record and present data	40	C
MSL933005	Maintain the laboratory/field workplace fit for purpose	30	E
MSL943004	Participate in laboratory/field workplace safety	40	C
MSL953003	Receive and prepare samples for testing	30	E
MSL973013	Perform basic tests	60	E
Total nominal hours		310	

Year 2: Competencies covered in the second year:

Unit Code	Unit Name	Assessment Plan	Nominal Hours	Compulsory / Elective
MSL933006	Contribute to the achievement of quality objectives	TBA	30	C
MSL973016	Perform aseptic techniques	TBA	40	E
MSL973014	Prepare working solutions	TBA	50	E
MSL973019	Perform microscopic examination	TBA	40	E
MSL973015	Prepare culture media	TBA	30	E
Total nominal hours			190	

FUTURE PATHWAYS & 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"> • Certificate III in Manufacturing Technology (Laboratory Operations Stream) • Graduate Certificate in Biotechnology Industry
	Possible Future Career Opportunities:	<ul style="list-style-type: none"> • Laboratory Attendant • Chemical Process Operator • Scientific Glassblower • Technical Assistant 	

