

Certificate III in Laboratory Skills

Course code: MSL30116

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 learn to follow set procedures including laboratory OH&S requirements; assist in collecting and preparing samples and use basic laboratory equipment and procedures to carry out, measure and record results of test procedures/ experiments in research, chemical, biological or life sciences.

On successful completion of a VETiS course, students are guaranteed a place in a Swinburne Vocational Education program (subject to entry requirements for the course they wish to undertake are met).

Location and times

Year 1 only 2019

Wantirna campus

Wednesday 12.30pm–5.30pm

Year 2 available (2020)

Mode of delivery

Classroom/Laboratory based

Duration

Two years part-time

Outcomes

On successful completion of this program, students will:

- VCE: be eligible for up to six units of credit towards their VCE; up to four Units 1 and 2 level and a Units 3&4 sequence.

Students wishing to receive an ATAR contribution for the 3 and 4 sequence of VCE VET Laboratory Skills must meet all assessment requirements relating to this program according to the VCAA Laboratory Skills Program Summary dated Jan 2015 - www.vcaa.vic.edu.au/Documents/vet/laboratory/VCEVETLabSkills-changes.pdf

- VCAL: meet the requirements for the Industry Specific Skills strand and may also contribute to the Work Related Skills Strand of VCAL.
- Qualification: be eligible for a nationally recognised qualification MSL30116 Certificate III in Laboratory Skills.

Personal protective equipment

Students must wear enclosed footwear.
Long hair must be tied back.

Structured Workplace Learning

Structured Workplace Learning (SWL placement) is not required but is strongly recommended by the Victorian Curriculum and Assessment Authority
www.vcaa.vic.edu.au/

VCAA recommends that students undertake a minimum of 10 days of SWL for each year of the program. The finding and management of SWL is the responsibility of the school.

Complementary studies

- Biology
- Chemistry
- Environmental Science
- Physics

Pathways opportunities

- Certificate IV in Laboratory Techniques
- Diploma of Laboratory Technology
- Certificate III in Manufacturing Technology (Laboratory Operations Stream)
- Graduate Certificate in Biotechnology Industry

Fees and application

Contact the Secondary School VET Coordinator or Careers Practitioner.

Career opportunities

- Laboratory attendant
- Chemical process operator
- Scientific glassblower
- Technical assistant

Information for students

Please refer to www.swinburne.edu.au/policies-regulations/ for student rights and responsibilities while on campus.

More information

T: 1300 275 794

E: VETinschools@swin.edu.au

W: www.swinburne.edu.au/vetis

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Units of competency

Year 1 (2019)

Unit code	Unit name	Nominal hours	Compulsory / Elective
MSAENV272	Participate in environmentally sustainable work practices	30	C
MSL913001	Communicate with other people	40	C
MSL913002	Plan and conduct laboratory/field work	40	C
MSL922001	Record and present data	40	C
MSL933001	Maintain the laboratory fit for purpose	30	E
MSL943002	Participate in laboratory/field workplace safety	40	C
MSL953001	Receive and prepare samples for testing	30	E
MSL973001	Perform basic tests	60	E
Total nominal units		310	

Year 2 (2020)

Unit code	Unit name	Nominal hours	Compulsory / Elective
MSL933002	Contribute to the achievement of quality objectives	30	C
MSL973004	Perform aseptic techniques	40	E
MSL973002	Prepare working solutions	50	E
MSL973007	Perform microscopic examination	40	E
MSL973003	Prepare culture media	30	E
Total nominal units		190	

Information is current at the time of publication but is subject to change.