



SMRVC HOST SCHOOL

Certificate III in LABORATORY SKILLS



Build practical skills. Explore science. Shape your future.

COURSE CODE: MSL30122

Description:

Interested in science, research, and laboratory work?

This nationally recognised certificate provides students with the knowledge and skills required for the day-to-day operation of a laboratory and associated technical tasks following set procedures and scientific methods. Students gain experience in planning and conducting laboratory or field work, collecting and preparing samples, performing basic tests and measurements, using microscopes and other lab equipment, and accurately recording and presenting data while following strict safety and quality procedures.

You will learn things like:

- conducting basic laboratory testing and procedures
- handling laboratory equipment safely
- recording and analysing scientific data
- following workplace safety and quality procedures
- preparing samples and laboratory materials
- working effectively in scientific environments

Does this sound like you:

This course is ideal for students who:

- enjoy science and investigation
- are detail-oriented and organised
- enjoy practical experiments and testing
- are interested in laboratory or health sciences
- work carefully and safely

Future Ready Skills:

Students develop valuable employability skills including:

- Attention to detail
- Teamwork
- Problem Solving
- Communication
- Safety Awareness
- Time Management
- Digital Literacy
- Quality Focus

Industry Insight:

Laboratory professionals play a vital role in ensuring products, environments and services are safe, high quality and meet industry standards. With advances in science and technology, skilled laboratory workers are essential to support innovation and protect the health of people and the planet.



COURSE INFORMATION

Qualification	Certificate III in Information Technology
Qualification Code	MSL30122
Qualification Outcome	Partial Completion. Students will also receive a Statement of Attainment for Units of Competency completed.
Year Levels	Year 10 (check with your school), Year 11, Year 12
Duration	2 years
Structured Workplace Learning	SWL requirements vary between VET courses and RTO's. Check with your VET Coordinator
Contribution to Senior Secondary Certificate	Contributes to VCE, VCE VM and VPC in accordance with current <u>VCAA</u> requirements. Speak with your VET Coordinator for advice specific to your senior pathway.
Transport	Students are responsible for travel to and from the delivery location. Subject to transport funding, SMRVC may provide transport on certain routes. Check with your VET Coordinator.
Scored Program	Yes

Venue & RTO:

RTO	LOCATION	DELIVERY DAY/TIME
<u>MTI</u> (45799)	Sunbury Downs College	Wednesdays:

Qualification and Recognition:

- Credit towards the VCE, VCE VM and VPC: Students undertaking this certificate may be eligible for up to two VCE VET units at Units 1 and 2 level, and a scored VCE VET Unit 3–4 sequence.
- VCE-VM: This program will contribute to the 180 hours requirement of the VCE-VM
- Students will receive a Statement of Attainment listing all nationally recognised units of competency completed
- Scored assessment for this VCE VET program consists of three coursework tasks and an end-of-year examination, which calculates the study score based on three coursework tasks worth 66 percent and an end-of-year written examination worth 34 percent.
- SWL: Refer to your VET Coordinator for additional information and required hours

Further Study Pathways:

- Certificate III in Pathology Collection
- Diploma of Laboratory Technology
- Bachelor of Medical Laboratory Science

Career Opportunities: within a wide range of enterprises and industry sectors such as science, health, laboratory studies, biotechnology, biomedical research, pathology testing, mining, chemical, forensic science, environmental analysis, process manufacturing, food and beverage processing, and education.

Roles may include:

- Laboratory Assistant
- Laboratory Technician Trainee
- Science Support Assistant
- Quality Control Assistant
- Pathologist
- Specialist roles in science, health, or research

How to apply:

All students must apply through their school VET Coordinator and submit their Expression of Interest by the required dates. Placement is subject to availability and school approval.

Fees: VET course and materials costs vary between courses. Refer to your VET Coordinator.

COURSE CODE	CORE UNITS OF COMPETENCY Guide only-may vary between RTO's
BSBCMM211	Apply communication skills
MSL943004	Participate in laboratory or field workplace safety
MSL913004	Plan and conduct laboratory/field work
MSL922002	Record and present data
MSL933005	Contribute to the achievement of quality objectives
ELECTIVE UNITS may include:	
MSL952003	Collect routine site samples
MSL933005	Maintain the laboratory /field workplace fit for purpose
MSL973025	Perform basic tests
MSL953005	Receive and prepare samples for testing
MSL973028	Perform microscopic examination
MSL973027	Prepare techniques that prevent cross-examination
MSL973015	Prepare culture media
MSL973026	Prepare working solutions

*UOC's may differ from one RTO to another - these are listed as a guide.
Check with your VET Coordinator

INFORMATION PROVIDED AS A GUIDE ONLY
Please check details with your VET Coordinator prior to enrolment