

Selection of competency units for training plan
Qualification PML30104 Certificate III in Laboratory Skills

To be awarded a *Certificate III in Laboratory Skills*, competency must be achieved in a total of **twelve (12)** units of competency consisting of:

Core units - all five (5) core units

PMLCOM300B Communicate with other people

PMLDATA200A Record and present data

PMLOHS302A Participate in laboratory/field workplace safety

PMLORG301A Plan and conduct laboratory/field work

PMLQUAL300B Contribute to the achievement of quality objectives

Elective units - seven (7) elective units

The elective units must include:

- a minimum of four (4) units from the PML 300 series units, including one of the TEST300 series units
- a maximum of two (2) units from the PML 200 series
- a maximum of two (2) units from the PML 400 series
- a maximum of two (2) relevant units from other endorsed Training Packages



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Core Units – all of these five (5) units				PMLTEST405A	Perform food tests <i>(Prerequisite: PMLTEST308A)</i>	FP		
PMLCOM300B	Communicate with other people		✓					
PMLDATA200A	Record and present data		✓	PMLTEST406A	Perform physical tests	ALL		
PMLOHS302A	Participate in laboratory/field workplace safety		✓	PMLTEST407A	Perform biological procedures <i>(Prerequisites: PMLTEST305B AND PMLTEST308A)</i>	BIO		
PMLORG301A	Plan and conduct laboratory/field work		✓					
PMLQUAL300B	Contribute to the achievement of quality objectives		✓	PMLTEST408A	Undertake environmental field based monitoring	ENV		
Minimum of four (4) units from the PML300 series (at least one (1) TEST300 unit)				PMLTEST409A	Capture and manage scientific images	ALL		
PMLMAIN300B	Maintain the laboratory fit for purpose	ALL		PMLTEST410A	Undertake environmental field based remote-sensing monitoring	ENV		
PMLOHS301B	Work safely with instruments that emit ionising radiation	MA; CMT		PMLTEST411A	Perform mechanical tests	ALL		
PMLQUAL301B	Apply critical control point requirements	FP		PMLTEST412A	Prepare tissue and cell cultures <i>(Prerequisite: PMLTEST305B)</i>	BIO		
PMLSAMP302A	Receive and prepare samples for testing	NC						
PMLTEST300B	Perform basic tests	ALL		Maximum of two (2) units from the PML200 series				
PMLTEST303B	Prepare working solutions	NC		PMLORG200A	Work within a laboratory/field workplace (induction)	ALL		
PMLTEST304B	Prepare culture media	BIO; ED		PMLSAMP200A	Collect routine site samples	ALL		
PMLTEST305B	Perform aseptic techniques	BIO; ED		PMLSAMP201A	Handle and transport samples or equipment	ALL		
PMLTEST306B	Assist with fieldwork	ENV		PMLTEST200A	Conduct routine site measurements	ALL		
PMLTEST307B	Prepare trial batches for evaluation	ALL						
PMLTEST308A	Perform microscopic examination	NC						
PMLTEST310A	Perform histological techniques	BIO						
Maximum of two (2) units from the PML400 series								
PMLCAL400A	Perform standard calibrations	ALL						
PMLDATA400A	Process and interpret data	ALL						
PMLMAIN400A	Maintain and control stocks	ALL						
PMLOHS400A	Maintain laboratory/field workplace safety	ALL						
PMLORG400A	Prepare practical science classes and demonstrations	ED						
PMLQUAL401B	Apply quality system and continuous improvement processes	ALL						
PMLQUAL400B	Contribute to the ongoing development of HACCP plans	FP						
PMLSAMP400B	Obtain representative samples in accordance with sampling plan	ALL						
PMLSAMP401A	Prepare mineral samples for analysis	MA						
PMLTEST402B	Prepare standardise and use solutions	NC						
PMLTEST403B	Assist with geotechnical site investigations	CMT						
PMLTEST404A	Perform chemical tests and procedures	NC						

Suggested competency applications	
All Labs	ALL
Construction Materials Testing	CMT
Chemistry Labs	CHEM
Biology Labs	BIO
Education Labs	ED
Mineral Assay	MA
Environmental Labs	ENV
Metrology Labs	ML
Food Processing	FP
Not Classified	NC

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