

Training Package

PML99 Laboratory Operations

Qualifications

PML30199 Certificate III in Laboratory Skills

PML40199 Certificate IV in Laboratory Techniques

PML50199 Diploma of Laboratory Technology

Competencies

PMLCOM300A Communicate with other people

PMLDATA300A Process and record data

PMLMAIN300A Maintain the laboratory fit for purpose

PMLOHS300A Work safely in accordance with defined policies and procedures

PMLORG300A Follow established work plan

PMLQUAL300A Contribute to the achievement of quality objectives

PMLQUAL401A Apply quality systems and continuous improvement processes

PMLSAMP400A Obtain representative samples in accordance with a sampling plan

PMLTEAM300A Work efficiently as part of a team

PMLTEST300A Perform basic tests

PMLTEST301A Perform biological laboratory procedures

PMLTEST302A Calibrate testing equipment and assist with its maintenance

PMLTEST303A Prepare working solutions

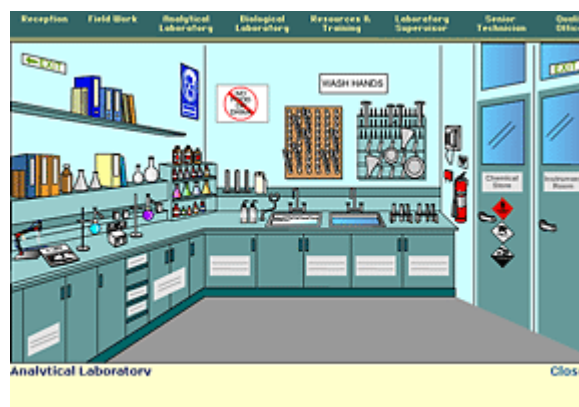
PMLTEST305A Perform aseptic techniques

PMLTEST400A Perform instrumental tests/procedures

PMLTEST401A Perform non-instrumental tests/procedures

PMLTEST402A Prepare, standardise and use solutions

PMLTEST501A Perform microbiological tests



Description

This Toolbox is based around a virtual laboratory called SimuLab. Learning is situated in an authentic context, with students placed in the role of trainee laboratory technicians whose role is to collect field samples and conduct tests on them. Students are presented with a graphical environment with doors leading to various part of the laboratory. They select a unit and work through a number of guided exploration and problem solving activities which culminate in an assessment activity.

Students engage in activities that require them to use information, characters, forms, and equipment available within the laboratory setting. Within the workplace the learner can ask questions of various personnel, visit laboratories, and access manuals and a range of information.

Toolbox Website

For further information, online previews, support and purchasing, visit:

<http://www.flexiblelearning.net.au/toolbox>