

Mechanical

Qualification

- MEM30205 - Certificate III in Engineering (Mechanical)

Our Delivery

At Training Prospects we deliver our training in a flexible method, to suit you – the employer. We offer:

- A combination of on-job and off-job training methodologies
- Intake for new apprentices all year around
- Training delivered in both metro and regional areas

Our on-job / off-job combination training benefits you as the employer in many ways which include:

- Having more input in your employees training
- Gaining more of an understanding of your employees training requirements
- Direct liaison with your employees trainer

Training Prospects off-job training facilities have been designed and maintained with industry best practice in mind. They provide students with the opportunity to learn the key traditional skills of their chosen vocation as well as modern techniques.

Qualification Summary

Training Prospects offers a range of training in engineering related qualifications. A qualification in engineering – mechanical trade will give your trainee the backing to work effectively in a range of mechanical areas. These areas include but are not limited to:

- CNC Mechanist
- Fluid Mechanic
- Metal Fitter
- Metal Machinist
- Mobile Plant Mechanic
- Motor Mechanic
- Plant Maintenance Fitter
- Toolmaker

Subject to eligibility, some or all of the costs of Training Prospects training solutions may be offset using Commonwealth Incentives.

Contact Details

For further information or to discuss your organisations needs please contact:

Training Prospects

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NATIONALLY RECOGNISED
TRAINING

Sample Training Plan

Qualification Title: MEM30205 - Certificate III in Engineering (Mechanical Trade)

Term of Contract: 48 Months

Units of Competency

For contracts in excess of twelve (12) months, electives may be negotiated after the core units have been completed or further into the contract to enable trainees / apprentices to pursue developing interests.

*denotes mandatory subjects

Code	Title	Nom. Hours
Mandatory		
MEM12.23A	Perform engineering measurements	30
MEM12.24A	Perform Computations	30
MEM13.14B	Apply principles of OH&S in the work environment	10
MEM14.4A	Plan to undertake a routine task	18
MEM14.5A	Plan a complete activity	20
MEM15.2A	Apply quality systems	20
MEM15.24A	Apply quality procedures	18
MEM16.6A	Organise and communicate information	20
MEM16.7A	Work with others in a manufacturing, engineering or related environment	18
MEM16.8A	Interact with computing technology	20
MEM17.3A	Assist in the provision of on the job training	20
Mechanical Stream Units		
MEM7.5B	Perform general machining	80
MEM7.6B	Perform lathe operations	40
MEM7.7B	Perform milling operations	40
MEM7.8C	Perform grinding operations	40
MEM7.15B	Set computer controlled machines/processes	20
MEM7.16C	Set and edit computer controlled machines/processes	40
MEM7.24B	Operate and monitor machine/process	40
MEM7.28B	Operate computer controlled machines/processes	20
MEM9.2B	Interpret technical drawing	40
MEM18.1C	Use hand tools	20
MEM18.2B	Use power tools/hand held operations	40
Specialisation Units		
MEM5.4C	Perform routine oxy acetylene welding	20
MEM5.5B	Carry out mechanical cutting	20
MEM5.6B	Perform brazing and/or silver soldering	20
MEM5.12C	Perform routine manual metal arc welding	20
MEM5.50B	Perform routine gas metal arc welding	20
MEM5.52A	Apply safe welding practices	40
MEM7.18C	Write basic NC/CNC programs	40
MEM11.10B	Operate mobile load shifting equipment	40
MEM11.11B	Undertake manual handling	20
MEM18.3C	Use tools for precision work	40
MEM18.6B	Repair and fit engineering components	60
MEM18.55B	Dismantle, replace & assemble engineering components	30
TOTAL		980