



HVTC

skills change lives

REACH YOUR POTENTIAL

NATIONALLY RECOGNISED QUALIFICATIONS

MEM30205 Certificate III Engineering Mechanical Trade

Hunter-V-Tec is a Registered Training Organisation (RTO) providing a range of apprenticeship courses as well as specialised training programs. Hunter-V-Tec is a division of HVTC.

Employers may wish to take advantage of our block release or day release program. These programs allow you to send the apprentice either one week each month or one day a week and they return to the workplace for the remainder of their time.

HVTC is highly experienced in customising training delivery and assessments to meet the specific needs of clients. Our staff are experienced in face-to-face, and one-on-one delivery.

Our staff have worked in the industry and use adult learning principles when developing and conducting training and assessments. Experiential learning, where participants can draw upon their own experience and knowledge ensures learning is relevant and purposeful.

HVTC's purpose built Skills Centre provides modern state-of-the-art learning environments, including simulated training facilities rich with practical examples and scenarios customised to the needs of course participants. In order to maximise learning for all participants, we ensure the sessions are interactive, dynamic, encourage participation and cater for all learning styles and levels of ability.

WHY CHOOSE HUNTER-V-TEC?

- Over 35 years' experience in apprentice training.
- Customised training options to suit your business needs.
- Highly experienced and qualified staff who will assist your employees to gain the necessary hands-on skills and qualifications.
- State-of-the-art training facilities and strong links with industry ensure the skills your employees learn are relevant, timely and meet your business needs.
- Safe and supportive simulated work training environment focused on safe work practices.

STRUCTURE:

- Block release: 1 week each month.
- Day release: 1 day per week.

LOCATION:

HVTC Skills Centre
30 Spitfire Place, Rutherford, NSW 2320

REQUIREMENTS:

No formal prerequisites required, however, to assist in being successful you need to:

- Be a practical person who enjoys working with their hands and tools.
- Have the ability to read and understand technical drawings.
- Be able to work with others in a manufacturing, engineering or related environment.
- Have a 'can-do' attitude and approach.
- Take pride in your work.
- Have literacy and numeracy skills to at least Year 10 levels.

As an apprentice, this training is subsidised by Smart and Skilled under Training Services NSW. Additional fees apply to the purchase of textbooks.

POTENTIAL CAREER OUTCOMES INCLUDE:

- Mechanical tradesperson
- Fitter
- Fitter and turner
- Fitter welder
- Maintenance fitter
- Fitter machinist
- This course provides a pathway to Certificate IV in Engineering and Diploma of Engineering - Advanced Trade

COURSE OUTLINES

STAGE ONE

MEM13014A	Apply principles of occupational health and safety in the work environment
MSAENV272B	Participate in environmentally sustainable work practices
MEM16006A	Organise and communicate information
MEM09002B	Interpret technical drawing
MEM12023A	Perform engineering measurements
MEM12024A	Perform computations
MEM14004A	Plan to undertake a routine task
MEM14005A	Plan a complete activity
MEM18001C	Use hand tools
MEM18002B	Use power tools/hand held operations
MEM07005C	Perform general machining
MEM15002A	Apply quality systems
MEM15024A	Apply quality procedures
MEM16007A	Work with others in a manufacturing, engineering or related environment

STAGE TWO

MEM16008A	Interact with computing technology
MEM12006C	Mark off/out (general engineering)
MEM18055B	Dismantle, replace and assemble engineering components
MEM07006C	Perform lathe operations
MEM07007C	Perform milling operations
MEM05007C	Perform manual heating and thermal cutting
MEM18011C	Shut down and isolate machines/equipment
MEM05005B	Carry out mechanical cutting
MEM18003C	Use tools for precision work
MEM05012C	Perform routine manual metal arc welding

STAGE THREE

MEM12003B	Perform precision mechanical measurement
MEM18006C	Repair and fit engineering components
MEM18005B	Perform fault diagnosis, installation and removal of bearings
MEM18009B	Perform levelling and alignment of machines and engineering components
MEM18007B	Maintain and repair mechanical drives and mechanical transmission assemblies
MEM18004B	Maintain and overhaul mechanical equipment
MEM18020B	Maintain hydraulic system components
MEM17003A	Assist in the provision of on the job training
MEM18018C	Maintain pneumatic system components

Engineering Tradesperson

Mechanical includes the design, assembly, manufacture, installation, modification, testing, fault finding, commissioning, maintenance and service of all mechanical equipment, machinery, fluid power systems, stationary and mobile equipment, instruments, refrigeration and the use of computer controlled machine tools.

Due to the nature of the work function, to enter into this program participants must have literacy and numeracy skills at least to Year 10 level.

PRACTICAL EXPERIENCE:

Competency in the MEM30205 Engineering Mechanical training package requires completion of theory, practical and observation components.

SPECIALISED PROGRAMS AND WORKCOVER COURSES:

Hunter-V-Tec offers accredited and non accredited training in addition to the User Choice Program which can include:

Licence to operate a forklift truck TLILIC2001A

This course is conducted over three days and covers all of the required theory knowledge and practical skills required to obtain a forklift licence. Each point will be carefully explained and demonstrated by one of our accredited trainers. Students will, under supervision, be able to gain the driving skills and confidence required during their forklift assessment. All students 18 years or over will be assessed on the final day by a WorkCover accredited assessor.

Licence to operate a boom-type elevating work platform (boom length 11 metres or more) TLILIC2005A

This course is conducted over three days. The aim of this accredited course is to allow participants to develop the skills to operate an EWP in a competent, safe and efficient manner. The training and assessing is conducted in accordance with current Australian standards. All students 18 years or over will be assessed on the final day by a WorkCover accredited assessor.

Work safely in the construction industry (White Card) CPCCOHS1001A

This training aims to provide participants with a basic knowledge of WHS legislative requirements, principles of risk management and the prevention of injury and illness in the construction industry.

Specialised Welding

Stick, Mig and Tig designed to your company requirements.

ASSOCIATED PROGRAMS:

In conjunction with practical experience, and WorkCover courses, Hunter-V-Tec can also offer the Better Living Program to all apprentices.

The Better Living Program

In-depth and informative program, which provides an insight into the life skills necessary for apprentices to gain fulfilling working lives.

Presenters from their respective companies may include:

- Road Safety
- Health and Nutrition
- Financial Planning and Banking
- Superannuation
- Drug and Alcohol
- Lifestyle
- Emergency Services
- Work Health and Safety

ON SUCCESSFUL COMPLETION OF THE COURSE:

You will be issued with a nationally recognised certificate for MEM30205 Certificate III in Engineering Mechanical Trade.

CERTIFICATION:

When the term of the training contract has been completed, the apprentice or trainee is eligible to receive one or more of the following certificates issued by Training Services NSW:

Certificate of Proficiency

This certificate is awarded to apprentices and trainees who successfully complete the term of their training contract and have been awarded the appropriate qualification by an RTO.

Craft Certificate

This certificate is awarded to apprentices who complete the term of their training contract but not their formal training through a Registered Training Organisation. It can be upgraded to a Certificate of Proficiency on request to Training Services NSW when the appropriate qualification has been awarded by the RTO.

HOW DO WE DECIDE IF THEY ARE SUCCESSFUL?

Assessment means collecting evidence about skills and knowledge, comparing it to the relevant national training package standards and workplace requirements. We use industry standard principles of assessment (fair, flexible, valid, reliable) and the rules of evidence (validity, sufficiency, authenticity and currency).

To receive up-to-date information about our courses visit us online.

Reach your potential

HVTC for highest ranking apprenticeship completion rates

Australian
Qualifications
Framework

NATIONALLY RECOGNISED
TRAINING

RTO NO: 90179

 **HVTC** skills change lives

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