



Nanango State High School



RTO number: 30415

MSM20216: Certificate II in Manufacturing Technology

Qualification description

This qualification provides the skills and knowledge for students to safely perform foundation manufacturing process tasks using a range of hand tools, portable power tools, welding equipment and fixed plant machinery.

Refer to training.gov.au for specific information about the qualification.

Entry requirements

There are no entry requirements for this qualification. Steel capped safety boots are an entry requirement to the Trade Training Workshop.

Duration and location

This is a two-year course delivered in Years 11 and 12 on site at Nanango State High School Trade Training Centre (TTC).

Course units

To attain a MSM20216 Certificate II in Manufacturing, 5 core units and 5 elective units of competency must be achieved: The units offered are listed below.

Unit code	Title
MSMENV272	Participate in environmentally sustainable work practices
MSMWHS200	Work safely
MSS402001	Apply competitive systems and practices
MSS402051	Apply quality standards
MSS402080	Undertake root cause analysis
MSS402031	Interpret product costs in terms of customer requirements
MSMPCII295	Operate manufacturing equipment
MSMPCII296	Make a small furniture item from timber
MSMPCII298	Make an object from metal
MSMPCII299	Make an object from plastic

RTO obligation

The RTO guarantees that the student will be provided with every opportunity to complete the qualification. We do not guarantee employment upon completion of this qualification.

Students who are deemed competent in all 10 units of competency will be awarded a Qualification and a record of results.

Students who achieve at least one unit of competency (but not the full qualification) will receive a Statement of Attainment.

Delivery modes

A range of delivery modes will be used during the teaching and learning of this qualification. These include:

- face-to-face instruction
- project-based learning
- guided learning
- online training.

Fees

This Certificate incurs a fee of \$145 per year. Totalling \$290

Assessment

Assessment is competency based and completed in a simulated manufacturing environment.

Units of competency are clustered and assessed in this way to replicate what occurs in a manufacturing environment as closely as possible.

Assessment techniques include:

- observation
- folios of work
- questioning
- projects
- written and practical tasks.

Work placement

There is no work placement requirement for this certification.

Pathways

This qualification may articulate into employment within one of the manufacturing industries.

See other financial qualifications at training.gov.au.