



MSF30313 Certificate III in Timber and Composites Machining

National ID: MSF30313 | State ID: J749

About this course

Get into the timber machining industry

This course will provide you with the opportunity to develop the skills and knowledge to perform **timber and composites machining** for the **manufacture** of furniture, built in and freestanding cabinetry and other timber components. You will utilise a range of static machinery as well as **specialist computer numerically controlled (CNC) machinery** to manufacture components as specified in working drawings and cutting lists. You will also gain the fundamental knowledge required to perform machine set up, operational maintenance and basic troubleshooting.

The Certificate III in Timber and Composites Machining is an apprenticeship, please see the Apprenticeships section for more information.

Gain these skills

- CNC machine set up
- Use hand tools
- Knowledge of the materials used in manufacturing

Is this course right for me?

I have the following attributes:

- An interest in practical and manual skills
- Able to undertake precise and exact work
- Problem-solving skills and an eye for detail
- Able to undertake strict safety requirements

Details

In order to comply with COVID-19 Government directed social distancing guidelines, some courses may include a mix of online learning, virtual classrooms (live web conferencing with your lecturer and class) and classroom delivery, as well as practical and work experience placements.

Lecturers will provide specific instructions to their student groups on how training will be undertaken.

Semester 1, 2020

Balga - Apprenticeship



Duration: **6 Semester/s**



When: **Semester 1, 2020**



How: **Apprenticeship
On campus**

Units

Core

National ID	Unit Title
MSFFM2001	Use furniture making sector hand and power tools
MSFFM2010	Set up and operate basic static machines
MSFFM3009	Produce manual and computer-aided production drawings
MSFFM3010	Prepare cutting list from plans and job specifications
MSFGN2001	Make measurements and calculations
MSFGN3001	Read and interpret work documents
MSFGN3002	Estimate and cost job
MSMENV272	Participate in environmentally sustainable work practices
MSMSUP102	Communicate in the workplace
MSMSUP106	Work in a team
MSMWHS200	Work safely

Elective

National ID	Unit Title
MSFFF2004	Prepare surfaces for finishing
MSFFM2002	Assemble furnishing components
MSFFM2005	Join solid timber
MSFFM2007	Follow plans to assemble production furniture
MSFFM2011	Apply manufactured board conversion techniques
MSFFM3008	Select timbers for furniture production
MSFFM3012	Set up, operate and maintain sawing machines
MSFFM3013	Set up, operate and maintain drilling machines
MSFFM3014	Set up, operate and maintain joining machines
MSFFM3015	Set up, operate and maintain planing and finishing machines
MSFFM3016	Set up, operate and maintain multi-head planing and moulding machines
MSFFM3017	Set up, operate and maintain routing and shaping machines
MSFFM3019	Set up, operate and maintain automated edge banding machines
MSFFM3021	Set up, operate and maintain computer numerically controlled (CNC) sizing machines
MSFFM3022	Set up, operate and maintain computer numerically controlled (CNC) machining and processing centres
MSFFM3024	Construct jigs and fixtures

Entrance requirements

School Leaver	Non-School Leaver	AQF
OLNA or NAPLAN 9 Band 8	C Grades in Year 10 English and Maths or equivalent	Certificate I or Certificate II

Job opportunities



[Wood Machinist](#)

Fees and charges

Local full time students

Course fees are made up of two components, tuition fees and resource fees.

Tuition fees are determined by multiplying the course fee rate by the nominal hours, which is the number of hours in which an average student could be expected to complete each unit. They are not the hours of training or instruction.

Resource fees are charges for material that are essential to a course or unit, and are purchased by NMT to be used by students during the course.

Fees may vary depending on the units you are enrolled in so an approximate amount has been shown. You will be given the exact amount of your fees at enrolment. Part time student fees will vary depending on the number of units you are enrolled in.

Please note, you may also need to buy textbooks or equipment for your course.

International Students

Check [TAFE International WA](#) to confirm this course is available to international students. You will pay your tuition fees to TIWA.

Please note, fees are subject to change.