



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

Overview

Semester 2, 2019

Balga - Apprenticeship



Duration: **6 Semester/s**



When: **Semester 2, 2019**



How: **Apprenticeship
On campus**

Units

Core

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

Elective

Unit Title	National ID
Prepare surfaces for finishing	MSFFF2004

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

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

View our [Indicative Fees list](#)

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.