



CNC Introduction

State ID: SC-MFM-V1427

About this course

Cover all the basics for use and maintenance of CNC lathes and machining centres

CNC Machining is a method carried out by computerised devices to perform a broad range of manufacturing tasks in a wide variety of fields.

During this course you will cover:

- Safety on and around CNC lathes
- Start-up, shut-down and basic maintenance of CNC lathes
- Setting of tools and jaws
- Basic lathe programming (Fanuc)
- Sample of repetitive cycles (rough turning, finish turning, threading)
- Operation of the lathe with a small part project
- Safety on and around CNC machining centres
- Start-up, shutdown and basic maintenance of CNC machining centres
- Setting of tools and work holding devices
- Basic machining centre programming (Fanuc)
- Sample of canned cycles (peck drilling, boring, tapping etc.)
- Operation of the machining centre with a small part project

Please note classes are run subject to numbers (minimum 10 students)

Details

During your course of study, NMTAFE may use a variety of learning practices to ensure you get the best outcome for your learning journey.

This may include online learning, face-to-face classroom, laboratory/workshop delivery, work placement or a

combination of these, depending on which is most appropriate.

Semester 1, 2021

Midland - On Campus



When: **Semester 1, 2021**



How: **On campus**

Units

Core

National ID	Unit Title
V1427	CNC Introduction

Important information

This course is run over six evenings, 5.30pm - 9.00pm.

2021 course dates

25/05 - 29/06

26/10 - 31/11