

# FOUNDRY BASIC – METAL CASTING



## COURSE OUTLINE

This course is an introduction to the foundry processes of sand moulding, and the pouring of molten metal to produce a casting.

You will receive training in the safe use of sand moulding chemicals and equipment, and in the safe practices for the melting and pouring of molten metals. The training will also include the basic metallurgy of cast metals, and the pattern tooling required to make a suitable sand mould.

The course will provide training in the practical skills of basic sand moulding and casting practices that will allow the participant to complete two basic projects, or the ability to work on their own project.

Participants are welcome to bring in their own projects and discuss their suitability with the lecturer. Examples of suitable projects might include metal craft work, home and garden sculptures or ornaments.

This course is not formally assessed. A certificate of participation will be provided on completion.

All students are required to wear personal protective clothing at all times which includes steel capped safety boots, clear safety glasses, long cotton/denim pants and a long sleeve cotton drill button-up shirt.

An allowance has been made for students for pre-set projects. If students wish to undertake their own projects additional material costs may apply which can be discussed with the lecturer on the first evening.

## LOCATION

Midland Campus (Lloyd Street Midland)

**Time:** 5 sessions Wednesday – 5.30 to 9.00pm

**Dates:** 22/05/19 to 19/06/19  
23/10/19 to 20/11/19

## COURSE COST

\$505.00 includes gst

Required student numbers 10

## CONTACT

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