

Duration: 1 day

**27th November 2025
9.30am – 4.30pm**

**Venue: Dudley Archives
and Local History Centre,
Tipton Road, Dudley
DY1 4SQ**

Metallurgy Basics

What's in it for you?

A 1-day entry level course on metallurgy, with particular attention to the structure of metals and how structures and properties develop in ferrous alloys commonly found in the casting industry.

- Solidification and Crystal Structure
- The Iron-Carbon Equilibrium Diagram – Cast Irons
- The Iron-Carbon Equilibrium Diagram – Steels
- Mechanical Properties and Testing
- Properties and Applications: Ferrous vs. Non-Ferrous

Who should attend?

This one-day course will be suitable for technicians, engineers and staff working in technical areas looking for an understanding of basic metallurgy.

The course is also suitable for non-technical staff seeking to learn about the underlying concepts of metal and metal properties.

Price:

**ICME/CMF Member Price £250 pp
plus VAT***

Non Member Price £300 pp plus VAT*

*Price includes attendance, drinks, lunches and Certificate

For more information, please email
**ICME at training@icme.org.uk or
call 0121 752 1810**

Help with Fees: Foundry Training Trust grant support will be available[†] towards the cost of the course. A grant of £125 is available towards the fees for this course. Additional grant funding is also available towards the costs of travel and accommodation. Visit www.foundrytrainingtrust.uk to contact the Clerk of the Trust for details and for the application form.

[†]Subject to application and Trustee approval.

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