

Your career, Your industry, Your benefits

Duration: 1 day

**5th November 2025
9.30am – 4.30pm**

**Venue: ICME, Dunston
Business Village,
Stafford Road, Penkridge,
Stafford, ST18 9FJ**

Grey & Ductile Iron Metallurgy

What's in it for you?

Improve your knowledge of the metallurgy of ferrous casting alloys including grey and ductile irons, compacted graphite irons (CGI) and austempered ductile irons (ADI).

The course will focus on:

- Introduction to cast irons – Brief history, standards, grades and properties
- Ferrous metallurgy – graphite forms, chemical composition, alloying and phase changes
- Metal treatments and process control
- SGI – production and control
- CGI – production and control
- ADI – production and control
- Special grades; SiMo, Ni-Resist, and other cast irons
- Ferrous casting defects

Who should attend?

Melt shop operators and supervisors, technicians, charge hands, new recruits and apprentices and all those looking to improve their knowledge of cast iron metallurgy.

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

* Price includes attendance, drinks, lunches and Certificate

Non Member Price £350 pp plus VAT**

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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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