



Duration: 2 days

9th & 10th June 2026

9.30am – 16:30pm

Venue: Dunston Business
Village, Stafford Road,
Stafford, ST18 9FJ

Introduction to Foundry Methods Engineering

What's in it for you?

Improve your knowledge of how to design running and feeding systems to produce sound castings in various casting processes and materials.

The course will focus on:

- Explain the advantages and disadvantages of different casting process and how this might affect your decision to choose
- Understand the differences between pressurised and unpressurised running systems, and reasons for selecting them
- Describe the different elements of the running system and explain how they impact on the pouring of a mould
- Apply knowledge to calculate simple running systems based on case studies given
- Understand the solidification of casting alloys
- Explain the different types of feeders
- Understand how to calculate feeder sizes and types to maximise yield whilst maintaining casting integrity

Who should attend?

These sessions would be suitable for technicians, engineers and staff working in technical areas looking for an understanding of the principles of running and feeding castings. The course is also suitable for non-technical staff seeking to learn about the steps needed to produce quality cast components.

Price: ICME/CMF Member Price £500 pp plus VAT*

* Price includes attendance, drinks, lunches and Certificate

Non Member Price £600 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 £250 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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