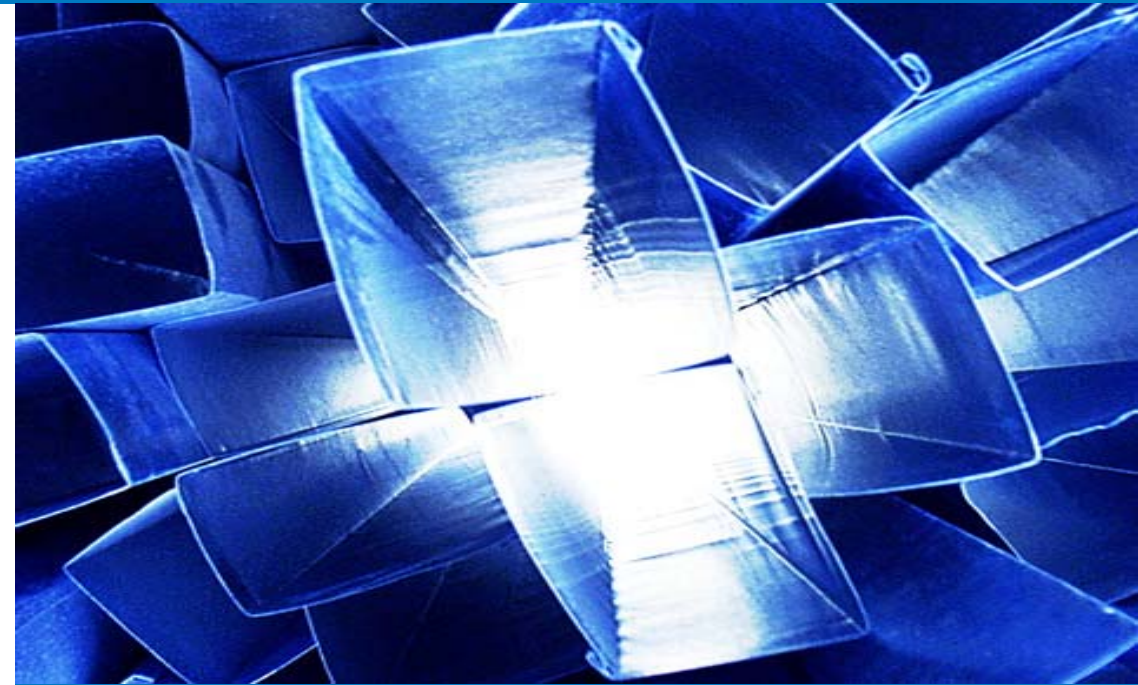


<u>Course</u>	<u>Duration</u>	<u>Cost</u>
Basics of Structural Engineering	1 Day	£300 + VAT
Carbon and Alloy Steel Metallurgy & Processing	2 Days	£600 + VAT
Combating Metallic Corrosion	2 Days	£600 + VAT
Heat Treatment for Heat Treatment Professionals	2 Days	£600 + VAT
Introduction to Corrosion	1 Day	£300 + VAT
Introduction to Fatigue	1 Day	£300 + VAT
Introduction to Heat Treatment	1 Day	£300 + VAT
Introduction to Hot/Warm Forging (Optional 2nd Day at £300 + VAT)	1 Day	£300 + VAT
Introduction to Non-Destructive Testing (NDT)	1 Day	£300 + VAT
Introduction to the Fracture Mechanics Approach to Fatigue Design	1 Day	£300 + VAT
Introduction to the Strain Life Approach to Fatigue Design	1 Day	£300 + VAT
Mechanical Testing of Metals (Optional 2nd Day at £300 + VAT)	1 Day	£300 + VAT
*Metallurgical Principles of Casting	1 Day	£300 + VAT
*Metallurgy for Absolute Beginners	1/2 Day	£195 + VAT
Metallurgy for Non Metallurgists	2 Day	£600 + VAT
Metallurgy of Special Steels, Nickel Based Superalloys and Titanium Alloys for Gas Turbine Applications	1 Day	£300 + VAT
Management Development Programme (for out of region clients £900 + VAT for SMF Yorkshire and Humber based clients)	6 Days	£1600 + VAT
Nickel Metallurgy	1 Day	£375 + VAT
*Quality Assurance	1 Day	£300 + VAT
Stainless Steels; Manufacture, Metallurgy & Applications	1 Day	£300 + VAT
Titanium Metallurgy	1 Day	£375 + VAT
Welding of Steel	1 Day	£300 + VAT

For further information email skills@namtec.co.uk



TECHNICAL TRAINING COURSES

Carbon and Alloy Steel Metallurgy & Processing

2 Day Course

COURSE DETAILS

This is a two day workshop targeted at employees in technical and engineering backgrounds to help them gain an understanding of the metallurgy and processing of Carbon and Alloy Steels. The second day will study the processing and mechanical properties of the various steel product forms; rod and wire, plates, strip, sections, line pipe and engineering steels.

Who should attend

New or experienced personnel in technical and engineering occupations who would benefit from an understanding of metals processing, products and properties. Attendees could be production or process engineers, quality and inspection personnel, and could be at supervisory, managerial or professional engineer level. Prior attendance on the Metallurgy for Non-Metallurgists course would be beneficial.

Speakers

Course Manager: Ian Martin BSc Met (Hons) MIMMM CEng
Ian Martin has been working in research and development for 30 years specialising in structure property relationships and the effect of processing on the mechanical properties in a variety of steels. He is currently employed by Corus RD&T at Swinden Technology Centre.

Venue

NAMTEC is located in Swinden House, conveniently located close to both the M1 and M18. See www.namtec.co.uk for directions

- *08.45-09.00am Registration. 17.00hrs Finish*
- Welcome and Introductions
- Introduction to Carbon Alloy Steel Metallurgy & Processing
- Metallurgy of Casting Microalloyed Steels
- Reheating & Rolling Metallurgy
- Product Metallurgy
- Fracture Toughness & Welding Processes
- Laboratory Demonstration

- *08.45-09.00am Registration. 17.00hrs Finish*
- Rod and Wire Processes
- Plate Processes
- Engineering Steels
- Sections Processes
- Linepipe Processes
- Strip Processes
- Review

The enrolment fee is £600 + vat for this two day course. Fees must be paid in advance of the course.

To **register your interest** in Carbon Alloy Steel Metallurgy and Processing, please complete the following and return to:
NAMTEC, Swinden House, Moorgate Road, Rotherham S60 3AR or fax to 01709 724999.

Alternatively, you can enrol online at www.namtec.co.uk

Name:
Job Title:
Company:
Address:
Telephone:
Email Address:

For further information please email skills@namtec.co.uk