

# Structural concrete for non-engineers

## How reinforced concrete works and how to specify

Thursday 20 September 2018

Concrete Society, Riverside House, 4 Meadows Business Park,  
Station Approach, Blackwater, Camberley, Surrey, GU17 9AB

The Concrete Society is running a full day Technical Seminar for those working in the construction industry that are not structural engineers, but would benefit from an understanding of the key design criteria for concrete structures and concrete specification. ***No knowledge of structural engineering or concrete design is expected!***

At the end of this day delegates will have knowledge of the key criteria for the design and detailing of concrete structures. Delegates will also have knowledge of how construction practice affects the final strength of a concrete structure.

The event will offer an in-depth insight for suppliers, concrete technicians and anyone working in a non-structural disciplines including engineers, architects, supervisors and students with the focus on understanding the basics of concrete design and design consequences.

*Key topics to include:*

- What is reinforced concrete
- What is pre-stressed concrete
- Principles of reinforced and pre-stressed concrete design
- Importance of achieving adequate cover to reinforcement
- Bending, shear and compressive forces in a concrete section
- Why concrete cracks
- What cracks are significant
- Why certain tolerances are specified
- Why workmanship is important to the concrete strength
- The purpose of the reinforcement and where it should be placed

Fee: £135 (Concrete Society members) +VAT or £175 (non Concrete Society members) +VAT. A **10% discount is available for multiple delegate bookings**. An invoice will be issued upon receipt of the booking. At least 3 days' notice is required for full refund. Late cancellation refund at the discretion of the Society. **Space is limited so ensure to book early!**

***For further information and a booking form please contact;***

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