

Fundamentals of Concrete Technology

Who should attend:

- Main Contractors
- Specialist Sub-Contractors
- Consulting Engineers
- Concrete Producers
- Material Engineers
- Site Supervisory Personnel

Starting 28th August 2026

***A three half-day hybrid course suitable for all those involved
in the production, design and supervision of concrete***

www.concrete.ie

Course Content

Covering essential information to enable better understanding and knowledge of the most used construction material in the world.

Laboratory Session	
Fresh and Hardened Concrete Testing	Prof Ciaran McNally <i>University College Dublin</i>
Lecture Session 1	
1. Concrete Constituents	Dr Éanna Nolan <i>Irish Cement</i>
2. Concrete Mix Design	Keith Goodwin <i>Kilsaran</i>
3. Specifying, Ordering, Delivery and Acceptance	Thomas Burke <i>Roadstone</i>
4. Fresh Concrete Properties	Prof Ciaran McNally <i>University College Dublin</i>
Lecture Session 2	
5. Formwork, Pre-Pour Checks and Placing	TBC <i>Walls Construction</i>
6. Compaction and Finishing	Tiernan Fairbairn <i>John Paul Construction</i>
7. Curing and Strength Gain	Dr Éanna Nolan <i>Irish Cement</i>
8. Concrete Defects	Dr Dervilla Niall <i>Technological University Dublin</i>
9. Testing Hardened Concrete	Dr Thomas Callanan <i>Metlab</i>



Institute of Concrete Technology

To become eligible for Institute of Concrete Technology's (ICT) Technician Membership, delegates may also register for the ICT Stage 1 exam to be held on 2nd December 2026 in Dublin. The Irish Concrete Society is a recognised course provider for ICT Stage 1 examinations.

Course Dates

Laboratory session: 28th August 2026, 10am to 2pm*, UCD Lab

Lecture session 1: 4th September 2026, 10am to 1pm, Online

Lecture session 2: 11th September 2026, 10am to 1pm, Online

**Staggered starts and finishes*

Course Fee

(includes course material)

ICS member rate: €275 / delegate

Non-member rate: €350 / delegate

ICT Stage 1 Exam: €195 / delegate (optional)

Booking Information

Please state clearly the event name, the names of all delegates, their email address(es) and company, as well as a contact email and phone number for the booking.

Cancellations: A cancellation fee of 50% may be charged for confirmed bookings cancelled within 2 working days prior to the event.

Non attendances may be charged the full fee. Replacement delegates may attend instead.

All cancellations must be confirmed by email.

This event is subject to a minimum number of participants.

The Irish Concrete Society reserves the right to make adjustments to content and speaker line-up.

The Irish Concrete Society will not be liable for any costs incurred in the event of the rescheduling of this event.

Payment Options

An invoice will be issued for each booking with payment options provided.

Please note that for non Irish Concrete Society member bookings either a company PO number or payment in advance is required to secure.