

# Advanced Concrete Technology Course

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2025-12-15

**End Date:** 2025-12-19

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 Week

**Category ID:** CACETC

**Course Code:** CACETC-35

## Syllabus

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### Course Syllabus

#### Course Objectives

This course will provide engineers, architects, technologists and field inspectors with a comprehensive understanding of modern concrete technology, covering all aspects from mixture design, to transporting, to handling, to curing to field control tests and on-site performance. Students will also take home soft copies of the chapters and presentations summarizing each chapter.

#### Who Should attend?

Engineers, architects, technologists and field inspectors

#### Course Outline

**The course consists of 17 chapters as follows :**

- Aggregates for concrete
- Admixtures for concrete
- Fibers and fiber reinforced concrete
- Air-entrained concrete
- Designing and proportioning normal concrete mixtures
- Batching, mixing, transporting and handling concrete mixtures
- Placing and finishing concrete
- Curing concrete
- Hot-weather concreting
- Volume changes of concrete
- Control tests for concrete
- High-performance concrete
- Special types of concrete