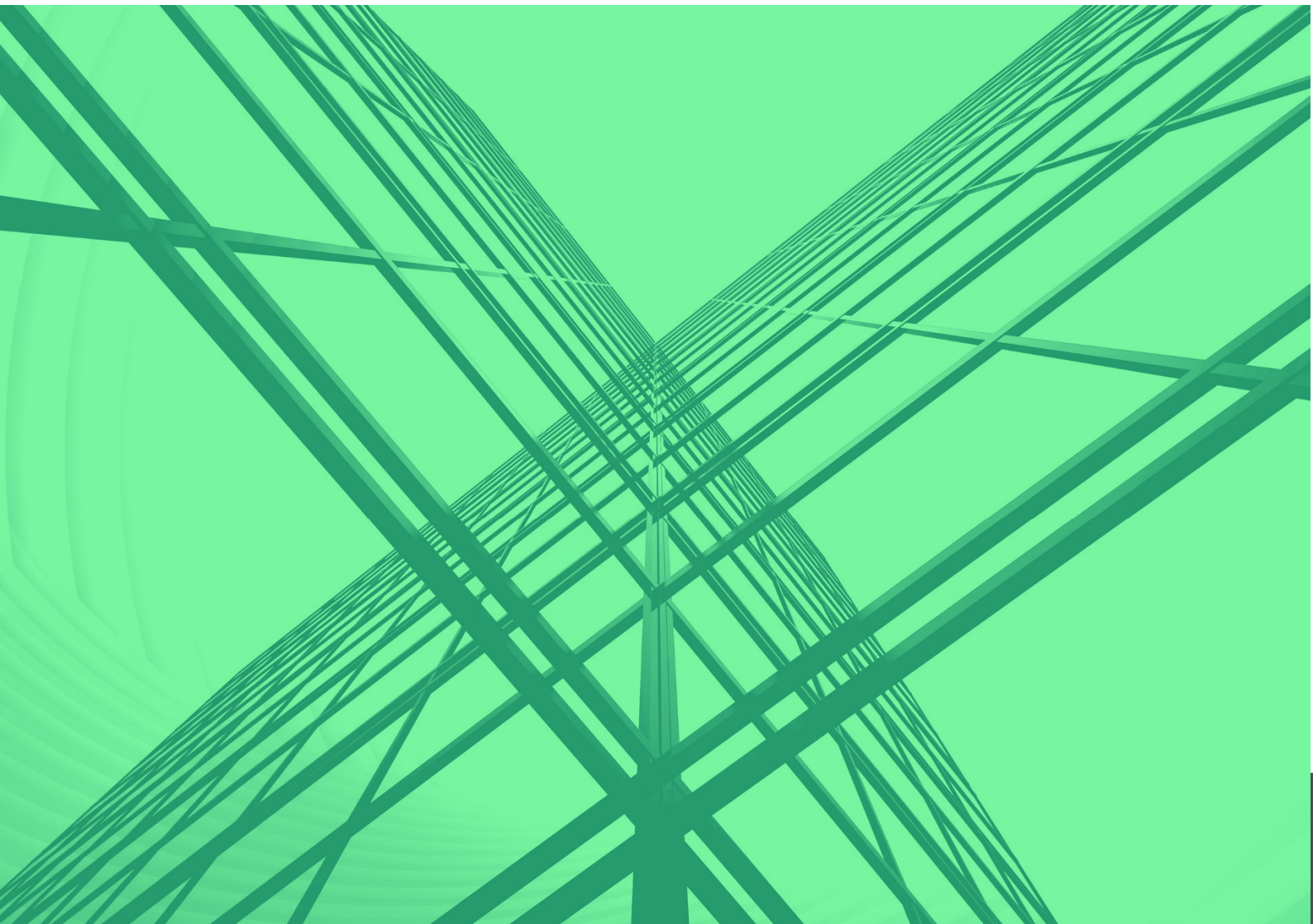


CM Exam Prep Course 2026

North Thames Regional Group

Course administrator: Simon Leung

Version: 01



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North Thames Regional Group

Date	Wednesday 23 September 2026 – Wednesday 09 December 2026
Time	18:30 – 20:30 (12 evenings)
Fee	£300 (VAT exempt) + Eventbrite fee, payment is processed online
Registration	https://CMExam2026.eventbrite.co.uk
Venue	Virtual meeting on Zoom

	Date	Subject	Lecturer	Question
1	Wed 23 Sep 2026	Introduction and general guidance	Simon Leung	-
2	Wed 30 Sep 2026	Industrial long-span structures	Jennifer Camilletti	(2019-07) Q2 Exhibition hall
3	Wed 07 Oct 2026	Timber framed building	Roger Faires	(2014) Q6 Health centre
4	Wed 14 Oct 2026	Client change, carbon calculations, method statement	Toby Robinson	(2012) Q4 New arts school
5	Wed 21 Oct 2026	Refurbishment	Jennifer Camilletti	(2026-01) Renovation of existing multi-storey building
6	Wed 28 Oct 2026*	Foundations	Tim Sands	-
7	Wed 04 Nov 2026	Existing structures	Roger Faires	(2022-03) Q5 House extension
8	Wed 11 Nov 2026	Drawings	Toby Robinson	(2014) Q1 University building
9	Wed 18 Nov 2026	Reinforced concrete and steel structures	Jennifer Camilletti	(1992) Q5 City centre office development (1987) Q4 Library extension
10	Wed 25 Nov 2026	Foundation design	Tim Sands	(1992) Q5 City centre office development
11	Wed 02 Dec 2026	Foundation design	Tim Sands	(1987) Q4 Library extension
12	Wed 09 Dec 2026	Fire damaged property – refurb	Simon Leung	(1985) Q5 Fire damaged property
-	Wed 16 Dec 2026	Christmas social (in person)	Simon Leung	Optional if London based
-	Sat 9 Jan 2027	Mock exam 9am – 5pm (in person) LSBU, 100 London Road, SE1 6LN	Simon Leung	Optional if London based

*UK time changes to move forward by one hours on Sunday 25 October 2026

Revision 01 – updated 31 July 2026

About the Chartered Membership (CM) Examination Preparation Course

The North Thames Regional Group committee represents Institution of Structural Engineers (IStructE) members and affiliates within the North Thames region but this course is open to candidates worldwide. Our volunteer committee works closely with IStructE HQ, supporting c. 30,000 members across 139 countries.

Course Overview

Founded in 1992 by Colin Davies, this highly sought-after course has guided candidates toward chartership for over three decades. The programme was subsequently coordinated by Stephen Vary (who taught from 2002 and managed administration from 2010 to 2024) and is now managed by Simon Leung, who took over administration in 2024. This course delivers the essential guidance, strategies, and technical insights required to approach the IStructE Chartered Membership exam with total confidence.

Key Learning Outcomes

- **Conceptual Scheme Design:** Master the skills of developing viable, distinct structural solutions.
- **Hand Sketches:** Learn to communicate structural load paths and stability clearly without software.
- **Time Management:** Acquire critical techniques to successfully navigate the strict 7-hour exam constraints.

Following its post-pandemic transition, the course is now delivered entirely online, followed by optional in person meetup. This flexible format allows professionals to attend seamlessly after work, while opening registration to international candidates worldwide. Our data reflects the success of this delivery model. According to our 2025 participant survey: 95% of candidates prefer the online arrangement. 93% agree the course delivers exceptional value and would highly recommend it to peers.

To ensure interactive, high-quality feedback from our lecturers, registration is strictly limited to 35 participants per cohort. Early registration is highly recommended, waiting list is available.

Subject areas covered: The emphasis will be on conceptual solutions to past CM examination questions, examination time management and presentation, covering:

- | | | |
|------------------------|-----------------------------|-------------------------|
| ▶ Reinforced concrete | ▶ Foundations | ▶ Drawings and sketches |
| ▶ Structural steelwork | ▶ Lateral stability | ▶ Method statement |
| ▶ Timber structures | ▶ Client communication | ▶ Carbon |
| ▶ Scheme appraisal | ▶ Analysis and calculations | ▶ Time management |

Testimonial – ‘I genuinely enjoyed each week and found the discussions, especially the questions from other candidates, very valuable. The method of breaking questions into requirements and responses was extremely helpful for defining structural design and capturing all requirements. I also appreciated the guidance on laying out calculations to meet expectations, and the emphasis on producing clear, hand-drawn structural drawings - something that definitely requires practice with the exam’s time limits.’

NOTE: The CM examinations question treated in this course will relate principally to building-type structures, including their foundations. Structures of a special nature, such as silos, bunkers, chimneys, off-shore platforms and road/rail bridges will not be considered. Please note that the lectures will be live online but it will not be recorded.

Refund policy: refund can be offered 5 working days before the course starts. Otherwise, the fee cannot be refunded once the joining link is shared.

Next exam date: Wednesday 27 January 2027 from the [IStructE website](#)

Speakers



Simon Leung BEng (Hons) MSc DIC MRes CEng MIStructE MICE MIEI SFHEA
Associate Professor, London South Bank University

Simon is an Associate Professor of Structural Design at London South Bank University (LSBU). Simon is a chartered structural engineer with 20 years of combined industrial and academia experience. He is a senior leader in developing the degree apprenticeship programme that attracts high-calibre candidates from across the sector. He is deeply involved in professional engineering institutions, having served as past chair of IStructE, North Thames Regional Group in 2020, past exam marking examiner and PRI reviewer, as a former Regional Executive Board Member and Diversity and Inclusion Champion for the Institution of Civil Engineers (ICE). He is the administrator and the key contact on this course.



Toby Robinson MEng CEng FIStructE FICE
Project Director, Mott MacDonald

Structural Engineer and Multidisciplinary Design Lead with 28 years of experience and a strong background working on a wide range of building projects in many industry sectors. He has worked closely with Architects, Clients and Contractors to deliver practical, buildable solutions including extensive modifications to existing buildings. With responsibilities for managing large design teams, including internal and external specialists, he is well-practiced at developing complex designs from concept to construction. Keen interest in reducing embodied carbon and using modern methods of construction and the development of platform DfMA systems.



Roger Faires MEng (Hons) CEng FIStructE
Technical Principal, Mott MacDonald, Affiliated Lecturer at Cambridge University

Roger has worked at small and large consultancies on a broad variety of project types from sculptures and domestic extensions through to multistorey office and timber framed schools. The project Roger is most proud of is the Harry Potter Visitors centre at Leavesden, when he had to ask the question, "how heavy is this dragon?...". He now works at Mott MacDonald in Cambridge, recent projects include a French Ligue 1 training facility and hotel under seismic loadings, boarder control facilities in Dover and his fair share of RAAC inspections.



Dr Tim Sands BSc PhD MICE CEng FGS
Principal Lecturer, University of Hertfordshire

Dr Tim Sands did a first degree in Engineering Geology and Geotechnics and then worked for a large civil engineering company for 6 years, mainly in offshore platform foundation design and installation around the world, as well as onshore ground improvement in the UK. Tim then became a lecturer at the University of Hertfordshire teaching soil mechanics, foundation design, and engineering geology to civil engineering students. He did a PhD on pile/soil interaction in swelling London Clay using an instrumented model pile. He has also taught geology, hydrogeology, geomorphology, geoenvironmental engineering and natural hazards to geographers and environmental managers. Tim is a Chartered Civil Engineer and has taught foundation design on the IStructE course since 2004.



Jennifer Camilletti MEng CEng MIStructE
Associate Director, WSP

Jennifer is a Chartered Structural Engineer with over 13 years of experience in the design, appraisal, refurbishment and adaptive reuse of complex building structures. Her project portfolio spans the hospitality, commercial office, heritage, residential and mixed-use sectors, ranging from feasibility studies and concept design through to detailed design and construction-stage support. Jennifer has a particular interest in unlocking value from existing assets and the engineering challenges associated with refurbishment and adaptive reuse. She has delivered guest lectures on these topics at both London South Bank University (LSBU) and Brunel University, sharing practical industry experience with the next generation of structural engineers. Her broad experience across all stages of project delivery, combined with her passion for professional development, provides a strong foundation for supporting candidates working towards Chartered Membership of the Institution of Structural Engineers.

Simon Leung BEng (Hons) MSc DIC MRes CEng MIStructE MICE MIEI SFHEA

Course Administrator

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The Institution of Structural Engineers, North Thames Regional Group