



Principles of Timber Design

Continuing Professional Development 2-Day Course



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

This course will provide practicing engineers, architects and other building design professionals with the principles of timber design for buildings.

Greater awareness of the potential benefits of engineered timber as a structural material for the design of multi-storey buildings is increasingly leading to client interest in a 'timber' building option. However, the technical education and professional experience of designers typically focuses on concrete and steel, providing little or no grounding in either the fundamental principles of timber design or its practical application to a contemporary building context. This introduction to timber design provides a starting point for designers looking to fill this increasingly relevant gap in their professional development.

Course Leaders



Institution of Structural Engineers Supreme Award-winning timber engineer **Professor Richard Harris**



Director of the Centre for Disaster Resilience at the University of Maryland, **Professor Jose Torero**

Learning Objectives

Upon completion of the course, the participant should be able:

- *To make informed decisions about the appropriate use, benefits and limitations of a range of engineered timber products and building systems;*
- *To approach material selection with an understanding of the particular considerations associated with the use of timber as a construction material;*
- *To adopt an informed and thoughtful approach to the consideration of fire in multi-storey timber buildings.*
- *To approach timber design with an understanding of the key considerations affecting the structural design of timber and the principles of structural timber design;*
- *To understand the relationship between design and construction considerations particular to contemporary timber building systems and the implications when considering a timber 'option';*
- *To be able to situate the current state of the art in the context of current research and development and future trends.*

Learn more about the course *Leaders, Content & Registration* online.

www.futuretimberhub.org/events/CPD01

When

Mon 22nd & Tue 23rd
of January, 2018
9:00am - 4:00pm

Where

The University of Queensland
Advanced Engineering
Building (49) St Lucia
Level 3, Room 313A

Cost

\$1,860.00 (including GST)
Please enquire about discounted rates for University partners, students and groups.

Registration

Interested professionals should register & complete an Eventbrite application no later than January 12th, 2018. Registration does not require payment.

The University of Queensland will review all applications & issue enrolment invitations by January 12th, 2018. Accepted applicants will have until January 17th, 2018 to complete payment. Additional payment details will be provided with enrolment invitations.

Register

Image: The Savill Building, Windsor Great Park, Surrey. Design by Gen Howells Architects, Buro Happold Engineering and Haskins Robinson Waters.

Photo: <http://www.glulam.co.uk/>