

# Timber Design

## Short Courses

Discover the latest in timber design and construction, with a unique hands-on event.

The Tasmanian Timber Design Workshop (TTDW) is a two-day intensive professional workshop made for building design professions interested in timber-rich construction to develop skills and networks in a unique, hands-on event.

This workshop includes a combination of self-paced online learning, presentations with key industry speakers, and learning-by-making workshop sessions at our Architecture and Design facilities in Inveresk, Launceston.

You'll use large-scale, industry provided timber components on state-of-the-art, computer-controlled fabrication equipment and test items to failure.

### WHY STUDY TIMBER DESIGN WITH US?



Maintain and increase your skills in timber design and construction with expert presentations and practical workshop sessions.



Learn about the latest research findings on timber, including its uses and sustainability.



Collect your Certificate of Completion after completing your workshop.

### Tasmanian Timber Design Workshop

> [VIEW COURSE DETAILS](#)

**Duration** 2-days

**Location** Launceston (Inveresk), Online

**Entry** 28 – 29 January 2021

**Cost** Early bird discount (end Dec 24, 2020): \$900 Standard: \$1,100 Single day: \$650

### Meet your facilitator

Professor Gregory Nolan is the TTDW academic lead.

Director of the Centre for Sustainable Architecture with Wood and a registered architect, Greg has been active in education and research aimed at improving the use of timber and wood products in sustainable building and recovering the most use from the available forest resource since 1994. Working closely with the building design professions and others, Professor Nolan has published widely on timber in construction, particularly through manuals and design guides.

> [learn more](#)

## Online program

As part of this course you will have access to our online learning platform to access content at your own pace. All participants will be required to complete the COVID safety unit and A&D Workshop safety induction prior to attending the course's face-to-face components.

Content area	Topic
Sustainability	Renewable material and ESD: Basics
Wood products	Wood materials and product: Basics (WS Campus)
Workshop OHS	COVID safety unit & A&D Workshop safety induction (online)

## Workshop Program

Time	Day 1: Environment and design options	Day 2: Efficient Construction
8.30 am	Registration	Registration
9.00 am	Welcome and introduction	Welcome and introduction
	<b>Sustainability and wood products in the built environment</b> <ul style="list-style-type: none"> <li>Sustainability in the built environment</li> <li>Wood products and carbon</li> <li>Forest certification and CofC</li> </ul>	<b>Engineering timber-rich building</b> <ul style="list-style-type: none"> <li>Keynote engineering presentation</li> <li>International and local practice in timber-rich building</li> <li>Mass timber options and systems</li> </ul>
11.00 am	Morning Tea	Morning Tea
	<b>Wood systems in design 1</b> <ul style="list-style-type: none"> <li>Conceptual design options for structural systems</li> <li>Conceptual design options for appearance components</li> </ul>	<b>Wood connection systems</b> <ul style="list-style-type: none"> <li>Joint design approaches</li> <li>Nail-plate and conventional fixing options</li> <li>Advanced and mass-timber connections options</li> </ul>
1.00 pm	Lunch (with workshop inductions)	Lunch
	<b>Wood systems in design 2</b> <ul style="list-style-type: none"> <li>Conceptual design options for elements in exposed locations.</li> </ul> <b>Workshop session 1</b> <ul style="list-style-type: none"> <li>Introduction</li> <li>Activity cycle 1</li> </ul>	<b>Workshop session 3</b> <ul style="list-style-type: none"> <li>Fabricate, make and break</li> </ul>
3.00 pm	Afternoon tea	Afternoon tea
	<b>Workshop session 2</b> <ul style="list-style-type: none"> <li>Activity cycles 2 &amp; 3</li> </ul>	<b>Workshop session 4</b> <ul style="list-style-type: none"> <li>Fabricate, make and break</li> </ul>
4.30 pm	<b>Review and wind up</b>	<b>Review and wind up</b>
5.30 pm	<b>Industry trade presentation</b>	<b>Wind-up barbeque</b>
6.30 pm	<b>Public lecture</b> <ul style="list-style-type: none"> <li>Keynote architectural presentation</li> </ul>	

**Learn more about our timber design workshop here.**