

Summer School in Building Conservation

6–12 February 2022

Longford, Tasmania



The Summer School in Building Conservation is a seven-day intensive introduction to the conservation of traditional buildings. Held in the sublime landscape of the World Heritage listed Woolmers and Brickendon Estates in Longford Tasmania, the Summer School focuses on the use, properties, deterioration and conservation of stone, brick, mortar, plaster, wood, metals and paints. Topics covered include rising damp, salt attack, repointing of masonry, timber decay and joinery repairs, and the repair and reconstruction of corrugated iron roofs. Theory sessions will be supported by inspections on the Brickendon and Woolmers Estates.

The School will provide the theoretical basis for building conservation practice that is further developed in the Autumn session of the Longford Academy where emphasis is placed on practical aspects. For information on the Autumn session email: info@longfordacademy.org.au

Program and dates

A draft program is attached. The Summer School will begin at 9.30am on Sunday 6 February and conclude by 4.00pm Saturday 12 February 2022. Participants travelling long distances should arrive by Saturday 5 February. Formal sessions will be held at the Nigel Peck Centre at Woolmers.



The Longford Academy was established in 2010 by the APT Australasia Chapter and nine editions were coordinated by the Chapter. In 2019, the Longford Academy Inc. was established as an independent body which now has responsibility for all training courses. The APT Australasia Chapter is pleased to be a supporter of the Longford Academy.

Objectives

Learning outcomes for this School are that participants should be able to:

- Outline the nature and properties of important traditional building materials;
- Outline how their properties and construction practice affect the performance of materials;
- Explain how material properties determine approaches to building conservation;
- Summarise the principles that guide contemporary conservation practice;
- Develop networks with other practitioners in building conservation.

Who should attend?

All those involved in the care and physical management of buildings, including architects, engineers, archaeologists, planners, site managers, conservators, heritage officers and others who specify or oversee works to heritage buildings, as well as tradespeople and builders who want to extend their understanding of materials and heritage issues.

Costs

The course registration fee is \$2,700, which includes all costs associated with the course itself as well as lunches and dinners (except dinner on the final Saturday night, 12 February). A deposit of \$300 will be required to confirm your booking with the remainder payable by 19 January 2022. The cancellation policy and a COVID-lockdown policy are detailed on the Registration Form.

Funding support

Tasmanian builders and tradespeople may be eligible for support from Keystone Tasmania (formerly the Tasmanian Building and Construction Industry Training Board) who have supported previous Longford Academy programs. Contact them on: 03 6223 7804 or email@keystone.com.au.

Longford Academy is mindful of the costs involved for small businesses engaging in training and has a fund available to support those who would otherwise be precluded from attending. Enquiries to the email address below should explain your training objectives and limitations in achieving them.

Accommodation

LA is grateful to Woolmers and Brickendon Estates for their ongoing support of our programs and, in return, we encourage participants to use their on-site accommodation. LA staff stay at the properties and are always very comfortable. Additional accommodation is available in Longford and the surrounding district. Accommodation costs are the responsibility of participants.

Continuing Professional Development

Course participants will receive certificates of attendance. CPD points may be available for credit through your registration body or industry association.

Transport

Launceston Airport is twenty minutes away. Jetstar and Virgin fly direct to/from Melbourne, Sydney and Brisbane. Qantas flies direct to/from Melbourne. Hire cars are available at Launceston Airport. Participants are encouraged to share cars.

Registration and enquiries

For registration, complete the Registration Form & email to the Longford Academy, at info@longfordacademy.org.au. Enquiries can also be made to this contact.

Summer School in Building Conservation

at the Longford Academy

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Draft Program

Day	Time	Topics
Sunday 6th	Morning	• Introductions • Avoiding disasters — 10 things not to do • Principles of conservation — the Burra Charter
	Afternoon	• <i>Site inspections — Woolmers</i> • Porous masonry materials • Stone, earth and brick
	Evening	• Microscopy — masonry materials close up
Monday 7th	Morning	• Salt attack and dampness • Rising, falling and penetrating dampness • Diagnosis, good housekeeping
	Afternoon	• <i>Site inspections — poulticing, captive head washing</i> • Sacrificial and salt extraction treatments • Insertion of DPCs, cavity walls and other issues
	Evening	• Masonry cleaning
Tuesday 8th	Morning	• Mortars and plasters — binders and aggregates • Binders — limes, pure and hydraulic • Binders — cements and pozzolans
	Afternoon	• <i>Lime demonstration —</i> • Aggregates — sand types and properties • Sand selection, other aggregates
	Evening	• Masonry conservation — consolidation
Wednesday 9th	Morning	• Mortar mixes — selecting compatible mixes • Repointing mortar joints • Plastering and repairs to plasterwork
	Afternoon	• <i>Site inspections — Woolmers roofs</i> • Wood anatomy and identification • Wood properties, wood & water, seasoning
	Evening	• More wood
Thursday 10th	Morning	• Wood deterioration — fungal rot, borers • Wood deterioration — termites • Wood repairs — principles
	Afternoon	• <i>Site inspections — Woolmers woolshed</i> • Wood repairs — joints and adhesives • Wood floors — repairs and finishes
	Evening	• TBA
Friday 11th	Morning	• Metals — lead, copper, zinc, iron & steel • Metals — corrosion of metals, galvanising • Metals — corrugated iron
	Afternoon	• <i>Site inspections — Brickendon barns and roofs</i> • Metals — repairing corrugated iron • Metals — replacing corrugated iron
	Evening	• Dinner
Saturday 12th	Morning	• Paints — paint materials • Paints — removal of paints and graffiti • Paints — investigating traditional finishes
	Afternoon	• <i>Limewashing practical</i> • Conservation of painted finishes • Review course: Close