

# **'Practical Building Conservation'** **Longford Academy's Autumn Program** **1, 2, 6 or 9 days beginning Monday May 6, 2019**



Practical Building Conservation is a 1, 2, 6 or 9 day program in conservation of traditional buildings, structures & fabric, held at the World Heritage inscribed Woolmers & Brickendon Estates in Longford, Tasmania. It offers a unique mix of theory, demonstrations & involvement in practical conservation works, benefiting both the participants & the sites.

Participants can attend the 6 day program, which includes structured face-to-face workshops on Days 3 & 6 on the subjects of Lime Mortars & Plastering, & Roofing, & extend the program to 9 days, by staying on with the expert facilitators, furthering their physical contribution to the site conservation works, or attend one or both of the specialist one day structured workshops.

- ☑ Investigate significant building fabric, structures & sites.
- ☑ Learn how to obtain long term sustainable conservation outcomes in real life situations.
- ☑ Share knowledge & experience with conservation practitioners.
- ☑ Understand environmental impacts, deterioration & how to deal with complex challenges.
- ☑ Participate in hands-on activities with experienced practitioners.
- ☑ Relax & learn in an outstanding cultural landscape.



## Presenters

Our presenters comprise of a broad group of highly experienced conservation professionals & tradespeople who are on hand to teach & guide. Conservation specialists demonstrate techniques & lead hands-on activities at selected sites in the field & in the workshop.

### **Lime Mortars & Plastering – one day workshop: Wednesday May 8**

This day will be co-presented by David Young OAM, a conservation specialist, educator & author of technical publications on the subject. He is currently finalising technical guides & codes for the Heritage Council of Victoria on lime mortars & repairing traditional masonry buildings.

Our other co-presenter will be Ray Wiltshire, a solid plasterer who has specialised in traditional & conservation plastering for 40 years. Ray is well known in the building conservation industry in Victoria & is a long term contributor to Longford Academy. Ray will be assisted by Brian Maxwell, conservation solid plasterer from Brisbane.

### **Roofing – one day workshop: Saturday May 12**

This day will be presented by Greg Owen, Conservation Builder, Consultant & roofing specialist. Greg is a mechanical & maintenance engineer by background, before 30 years as a conservation builder, who developed a mid career passion for traditional roofing, and trained & licensed as a plumber practicing traditional recreation & preservation skills in the building conservation industry. He is jointly preparing a heritage code for repair & replacement of corrugated galvanised iron roofs with Heritage Victoria. Greg will be supported by the LA team.



## Activities

Generally, activities include inspections, workshops, demonstrations & direct involvement in conservation works across both sites. Participants are introduced to the practical aspects of building conservation: topics covered include investigation & documentation of works, dealing with damp & extracting salts, lime-based materials, plaster & masonry repair, diagnosing timber decay & repair needs, roofing & metals. Please note that practical works will continue on Monday & Tuesday (May 14 & 15). Participants are invited to continue learning by participating in works on these days with no additional course fees.

### **Lime Mortars & Plastering - one day workshop – Wednesday May 8**

Examining & evaluating condition of mortars & plasters. Understanding limes – types, properties, preparation. Which one do I choose? Sands – what makes a good sand? Blending sands. Mortar mixes – mix ratios, additives, preparation & storage. Approach to repair – extent, selection of mixes, surface preparation, the importance of good curing of lime mortars .

Practical: slaking lime, hot-mixing mortar, repointing mortar joints, repairing lath & plaster, & applying roughcast lime plaster (harling). There'll be plenty of opportunity for participants to have a go.

## Roofing - one day workshop – Saturday May 12

History of roofing & how the broad range of roofing materials work. Understanding the wide range of materials used, methods of deterioration & remedial methods, both traditional & contemporary. Evaluating condition of the complete roof system & documenting & recording roof structures & fabric. Approach to preservation, repair & recreation - extent, materials & techniques. Demonstrations of traditional galvanised steel fabrication using solid riveting & soldering. Extensive walk around the sites discussing the wide & often unique range of extant & replacement roof types & materials.

### Who should attend?

All those involved in building conservation, or who wish to be, & who want some hands-on practical & theoretical exposure to a range of topics that they're likely to come across in the industry. This Autumn program is the ideal LA entry activity for both professionals & trades, who can then progress further via our specialised Spring Master Classes & broad ranging Summer School.

The Lime Mortars & Plastering one day workshop will be of particular interest to heritage advisors, bricklayers, builders, masons, plasterers, conservation practitioners, property managers & specifiers of masonry repairs.

The Roofing one day workshop will be of particular interest to heritage advisors, roofers, builders, conservation practitioners, property managers & specifiers of roofing repairs & replacement.

### Dates

The 6 (& 9 day) course commences with coffee at 8.30am on Monday May 6, for 9:00am introductions.

The 6 day & 9 day courses finish 4pm Saturday May 11, & 4pm Tuesday May 14, respectively. Participants travelling long distances should arrive by Sunday May 5.

The one day courses, Lime Mortars & Plastering on Wednesday May 8, & Roofing on Saturday May 11, are, similarly, conducted from 8:30am - 4:00pm with optional debriefing discussions following over drinks.

### Costs

Registration fees are charged to cover program development & delivery costs, lunches & morning & afternoon teas.

6 & 9 day courses: \$900 (\$750 APT members) including one day workshops on May 8 & 11.

1 day courses: \$250 (\$200 APT members) each or \$450 (\$375 APT members) for both 1 day courses.

### Funding support

Tasmanian builders & tradespeople may be eligible for support from the TBCITB (the Tasmanian Building & Construction Industry Training Board) who support Longford Academy programs.

### Accommodation

Accommodation is available on-site at both Brickendon & Woolmers Estates & also in nearby Longford & surrounding district.

### 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 & Virgin fly direct to/from Melbourne, Sydney & Brisbane. Qantas flies direct to/from Melbourne. Hire cars are available at Launceston Airport. Participants are encouraged to share cars.

Transfers for those staying on site are available by the LA team from/to Launceston Airport.

### Enquiries and Registration

For registration, complete the registration form & email to the program coordinator, Greg Owen, at [grego@pbcau.com](mailto:grego@pbcau.com). Enquiries can also be made to this contact.