

BUILDING CONSERVATION MASTERCLASSES

CONSERVATION AND REPAIR OF PLASTERS AND RENDERS

B3D07337 9-12 JULY 2018 (3 day course)

This course will provide an understanding of, and basic skills in, the conservation and replication of traditional internal and external plaster.

The starting point will be the recognition and identification of the problems and failures encountered in external rendering and internal and external plaster, ranging from cracking and loss of bond to wholesale failures. A range of casework from Saxon plaster to early twentieth century stucco will be studied. Techniques of inspection, recording and analysis will be taught in conjunction with practical exercises directed towards repair, conservation and replication of both plain and moulded materials. For in situ work, methods of securing and stabilising failing plaster by supporting, pinning, refixing and grouting will be explained, demonstrated and practised, together with techniques of cleaning and consolidation. Advice will be given on specification and costing for remedial work.

There is the opportunity for informal discussion during the evenings.

Please remember to bring work clothes/overalls and shoes for practical

sessions. An umbrella may be useful on the short walk to the Auditorium and Ruinette.

Course Leader: David Odgers, Director, Odgers Conservation Consultants

Tutors: Tobias Carleton-Prangnell, TCP Plastering

Alison Henry, Senior Architectural Conservator, Historic England

Jeff Orton, repairs and reinstates plasterwork in historic buildings for private clients as well as The National Trust and Historic England.

All students on this course will receive a copy of *English Heritage Practical Building Conservation: Mortars, Renders and Plasters*.

Recommended Reading:

English Heritage Practical Building Conservation: Mortars, Renders and Plasters, 2012, Ashgate Publishing

Ashurst J, *Mortars, Plasters and Renders in Conservation* (2002) 2nd edition, Ecclesiastical Architects' and Surveyors' Association

Millar W, *Plastering Plain and Decorative*, Facsimile reprint by Donhead Publishing.

Stagg W D and Pegg B F, *Plastering: A Craftsman's Encyclopaedia*.

OUTLINE PROGRAMME

Day 1	Monday
16.00-18.00	Registration
18.45	Welcome Talk
19.00	Dinner
Evening	Introductions and a short presentation showing some examples of plasters and renders and the principles that underpin their use and repair
Day 2	Tuesday

Morning	<p>Introduction to plasters and renders: an overview of the wide range of materials and methods of application used for rendering and plastering in the past, from earthen plaster to early cement stucco</p> <p>History of plastering</p> <p>Identification and description of mouldings and enrichments: examples of mouldings and demonstration of how the mould is made and used</p>
Afternoon	<p>Preparation of lath panel; applying the first coat of plaster to lath; setting up and running the mould in situ;</p> <p>Setting up and running the mould (finish coat)</p>
Day 3	Wednesday
Morning	<p>Deterioration of external renderings and walls and ceiling plasters, symptoms and cause.</p> <p>Introduction to and preparation of non-hydraulic lime plasters including hot lime; use of hair and synthetic fibres. Mixing different mixes incorporating different binders, additives, etc</p>
Afternoon	<p>Placing external plaster on rubble walls; wall preparation; placing techniques; single and multiple coat; opportunity for participants to apply single coat render using different mixes</p> <p>Case studies of plasters and renders – failures and application. Introduction to cob and earth plasters</p>
Day 4	Thursday
Morning	<p>Plaster and render conservation techniques; supporting, grouting, pinning and filling</p> <p>Demonstration of filling missing sections of rendered wall</p> <p>Visit to Uppark</p>
Afternoon	<p>The role of plaster analysis; techniques of sampling and study; uses and limitations.</p> <p>Specifications for plaster and renders.</p> <p>Review, discussion, questions and summary.</p>
15.30	Issue of certificates and depart.

Non-residential course fee £645

Fully inclusive residential course fee:

Annexe room with ensuite shower £816

Standard room with private bathroom facilities £876

Superior room with private bathroom facilities £936

HOW TO BOOK

Please complete one booking form, or copy of form, per person per course and enclose a deposit for each course booked. On receipt of your booking, we will send all the further details you will need for your visit, including the course details and your final payment slip. Travel instructions will be sent to all students.

For further information about the course, please contact the Course Organiser:

+44 (0)1243 818219 or cpd@westdean.org.uk

For further information about booking, please telephone the Bookings Office: +44 (0)1243 818300.

Website: www.westdean.org.uk