



THE CHURCHES CONSERVATION TRUST



.....in partnership.....

LIME MORTAR, RE-POINTING AND MASONRY REPAIR COURSE

The Churches Conservation Trust in partnership with Harewood House Trust is offering a week long training course in repointing and masonry repair of historic buildings with both practical and theoretical sessions at All Saints Church, Harewood.



When:

The course will run from Monday 3rd August until Friday 7th August with 2 compulsory teaching days on Monday and Tuesday followed by 3 optional practical days on Wednesday, Thursday and Friday.

For last years delegates who wish to focus on practical work, a short revision theory session is offered on the Wednesday morning allowing them to go straight on to hands on work on any or all of the remaining days.

Course Content:

The course is designed to cater for all levels of knowledge from beginners to those with experience and will consider traditional building materials, the lime cycle, repointing traditional masonry, mortar repairs, surveying historic buildings, plasters and renders and many other aspects of repair and conservation of historic buildings.

Cost:

£50 per day or £200 for the full week - students and unwaged half price.
Lunch and refreshments included.

Information:

For more detailed information or a booking form please contact the Learning and Access Department at Harewood House on 0113 2181043 or email learning-admin@harewood.org.

ALL SAINTS CHURCH, HAREWOOD LIME MORTAR, RE-POINTING AND MASONRY REPAIR COURSE

PROGRAMME 3rd – 7th August 2009

Days will start at 1000 and end at approximately 1700.

Led by Alan Gardner and Nigel Copsey

Monday 3rd August:

am:

Health and Safety Induction

- **Slaking of Quicklime and Lime Cycle:** includes, “why lime?” and considers issues such as breathability, flexibility and sustainability (demonstration).
- **The Naming of Parts:** understanding types of lime binder from lime putty through the natural hydraulic limes to natural cements and why they are important with historic fabric.
- **Consideration of Appropriate Aggregates** for historic buildings mortar work (demonstrations/practical).

pm:

- **Mixing of Mortars:** non-hydraulic, hydraulic, hybrids and hot lime work (practical).
- **Introduction to Pozzolan Additives and Porous Particulates** (demonstrations/practical)
- **Re-pointing Traditional Masonry** (practical)

Tuesday 4th August:

- **Re-pointing Traditional Masonry Continued** (practical)
- **Cutting Out and Replacing Individual Blocks** (practical)
- **Mortar Repairs** (demonstration)
- **Practical on Lime Plastering** (demonstration led by Malcolm Uttley in the afternoon)

Wednesday 5th August:

- **Revision Session for Previous Delegates** (brief lecture 0900 -1000)
- **Re-pointing, Vegetation Removal and Masonry Consolidation** ~ under the guidance of Alan Gardner and Nigel Copsey on churchyard walls (practical)
- **Guided tour of the Alabasters in the Church** ~ TBC

- **Illustrated talk on Monument Conservation Issues**

Thursday 6th August:

- **Re-pointing, Vegetation Removal and Masonry Consolidation** ~ under the guidance of Alan Gardner and Nigel Copsey on churchyard walls (practical)
- **Private Tour of the Recently Consolidated Castle Ruins on the Harewood Estate** ~TBC (for all delegates)
- **Other Traditional Material/ Craft Skills Demonstrations** ~TBC

Friday 7th August:

- **Re-pointing, Vegetation Removal and Masonry Consolidation** ~ under the guidance of Alan Gardner and Nigel Copsey on churchyard walls (practical) ~ Final jointing up and completion of the work to the walls to end at 1200.
- **Lunch and afternoon sessions to be held elsewhere on the Estate** ~ 1200 onwards (church closed for wedding)
- **Illustrated talk led by Alan Gardner and Nigel Copsey** (selected by delegates from various options)
- **Private Tour of Harewood House ~1400** (for all delegates).

NOTES:

Booking: Places to be booked and paid for in advance using the booking form provided. The organisers regret that refunds cannot be made after Friday 24th July. **Please note that places are strictly limited and early booking is recommended.**

Costs: £50 per day or £200 for the full week – students and unwaged half price. Lunch and refreshments are included. Please advise of any special dietary requirements at the time of booking. The course is being subsidised by the organisers to keep costs to a minimum.

Attendance: Monday 3rd and Tuesday 4th are compulsory for **new delegates** but the dates of the 5th – 7th are optional. For those returning from the previous course who do not want to attend the first two days we will also hold a revision session on Wednesday 5th August.

Venue: All Saints Church, Harewood, LS17 9LG (location map, including parking location, will be provided with confirmation of booking).

Clothing: ready for practicals and stout footwear (preferably steel 'toecapped' boots). Goggles, gloves and tools will be provided but bring your own if you wish. The church is unheated and can get cold, even on warm days, so bring additional layers and wet weather clothing.

Accommodation: none is provided but contact Learning and Administration at the Harewood House Trust for a list of charging local accommodation of different types (including camping for the hardy!). (Tel: 0113 2181043 or email learning-admin@harewood.org)

Health and Safety: please note that a health and safety induction will be given for all participants on the course.

BRIEF BIOGRAPHIES OF COURSE LEADERS:

ALAN GARDNER BSc (Hons), MRICS, SPAB Lethaby Scholar

Alan Gardner is a Chartered Building Surveyor, accredited in conservation, who specializes in the repair of historic buildings. He was awarded a Society for the Protection of Ancient Buildings Lethaby Scholarship in 1995, worked for them for four years as their Technical Secretary and is a current member of their Technical Panel. After working for a couple of years for English Heritage, in their East of England Region, he returned to Private Practice and in 2005 set up Alan Gardner Associates. Committees he has been involved with include: the Building Limes Forum; Traditional Paint Forum; Standing Joint Committee on Natural Stones; Friends of War Memorials and he is a member of Manchester Diocesan Advisory Committee. Recent/current projects include: grant-aided repairs of listed churches, houses and scheduled ancient monuments; public park monument and boundary wall repairs; conservation and repair of war memorials; production of conservation plans and, various consultancies on behalf of English Heritage.

NIGEL COPSEY Stonemason, Lettercutter and Building Conservator

Starting out as a dry-stone waller in Cornwall, Nigel trained after 1989 as stonemason and carver at Weymouth College, working largely thereafter in the conservation industry across the south and south-west of England, and regularly after 1999 in Vermont, USA. In Yorkshire since 2001, Nigel has worked extensively as consultant and practitioner with the Fitzwilliam Estate in Malton, as well as elsewhere in North Yorkshire, Andalucia and Nebraska. A committed SPAB-member Nigel is also an accredited member of the Institute of Conservation (ICON) and determined advocate for the thoroughgoing use of traditional materials in the care and repair of old buildings.



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HAREWOOD

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**BOOKING FORM FOR LIME MORTAR, RE-POINTING AND MASONRY
REPAIR COURSE AUGUST 3rd – 7th 2009**

Please print clearly

| | |
|--------------|--|
| Name | |
| Organisation | |
| Address 1 | |
| Address 2 | |
| Address 3 | |
| Post Code | |
| Telephone | |
| Mobile | |
| Email | |

DAYS YOU WISH TO ATTEND: For new delegates Monday and Tuesday are required sessions, please also indicate which additional practical days you would like to attend – you are welcome to attend them all. (For returnees there is a recap session on Wednesday at 9am before the main programme starts)

| | | Cost - full | Cost – students/ unwaged | Special dietary requirements |
|---|--|-------------|-----------------------------|------------------------------|
| Monday (Theory, demonstrations, practicals) | <input type="checkbox"/> (Required) | £50 | £25 | |
| Tuesday (Theory, demonstrations, practicals) | <input type="checkbox"/> (Required) | £50 | £25 | |
| Wednesday (Practical - repointing, vegetation removal, masonry consolidation –see draft programme for more info) | <input type="checkbox"/> (tick box if attending) | £50 | £25 | |
| Thursday (As Wednesday) | <input type="checkbox"/> (tick box if attending) | £50 | £25 | |
| Friday (As Wednesday) | <input type="checkbox"/> (tick box if attending) | £50 | £25 | |
| Full week (Discounted price) | <input type="checkbox"/> (tick box if attending) | £200 | £100 | |
| TOTAL | | | | |

Please return completed form with cheque made payable to The Churches Conservation Trust to:

Learning and Access Administration, Harewood House Trust, Harewood House, Harewood, Leeds LS17 9LG.

For further information contact Learning and Access – Tel: 0113 2181043 Email: learning-admin@harewood.org

Refunds: The organisers regret that refunds will not be available after Friday 24th July 2009