

Restoration of Traditional Masonry – Professional Level

Join us at the US Heritage Group Headquarters for Lime Putty Mortar and Stone Repair Training available in back-to-back certification sessions. Training sessions are open for Winter 2018. Take individual classes or all three to cover all your bases.

Special Offers for 2018 In-House training:

Free registration for qualifying architects, engineers and preservation organization staff!

Reimbursement of contractor of training registration fees!

15% Off company discount for 3 or more attendees!

10% Off for full 3 day program participation!

For more information or to register for this event, contact Tai Olson at [773.286.2100 ext. 309](tel:773.286.2100) or at info@usheritage.com.

Lime Putty Mortar Installer Certification Training (One Day)

Learn the tricks to “Walk-Away Installation” that can give you a competitive advantage by producing superior results. Eliminate unnecessary, inappropriate and potentially damaging work caused by problems with mortar mixes, joint removal, installation, tooling, curing and cleaning. Specifiers & masonry contractors agree that this one-day training is one of the best investments they made in the past year. This course covers:

- History of lime and portland cement use in masonry
- Technical information about building limes performance & life expectancy
- Mortar recipe basics
- Color matching considerations lime putty mortar mixing
- Non-destructive mortar removal methods including tool selection criteria
- Proper wall preparation
- Installation techniques

- Joint finishing (Creating the 100yr Look without Acid Burning)
- Curing methods & considerations
- How to deliver the best mock-up sample every time

Stone Repair Certification Training – Level 1 (One Day)

Masonry Repair Training and Certification – Level 1 workshop delivers straightforward strategies and techniques for basic masonry unit repair from start to finish using stone to stone bonding adhesive and stone patching mortar. Work hands-on with master stone conservators to build skills that can be applied to repair of limestone, sandstone, brownstone, terra cotta and brick. **This course covers:**

- Properties of stone in building envelopes lecture
- Stone deterioration causes lecture
- Stone reconstruction project case studies lecture
- Deteriorated stone removal hands-on training
- Cleaning and neutralizing efflorescence hands-on training
- Color matching basics lecture
- Bonding broken stones hands-on training
- Casting stone from molds demonstration
- Stone patch dressing basics hands-on training

Stone Repair Certification Training – Level 2 (One Day)

Masonry Repair Training and Certification – Level 2 workshop delivers advanced strategies and techniques for architectural masonry repair of challenging materials and situations. Learn to execute masonry repairs on challenging surfaces with stunning visual accuracy. Work hands-on with master stone conservators to build skills that can be applied to repair architectural and decorative concrete, cast stone and granite. **This course covers:**

- Advanced masonry repair challenges Lecture
- Surface Preparation hands-on training
- Movement crack stabilization in-situ by crack injection
- Non movement crack void filling by dispersed lime injection mortar
- Surface patching of coarse grain substrates
- Surface restoration of concrete paste using dispersed lime spachtel

- Surface color adjustment using mineral stain

January 2018 Training

- Lime Putty Mortar Installer Training – \$275/day (January 24th, 2018)
- One Masonry Repair Training – Level 1 – \$325/day (January 25th, 2018)
- Masonry Repair Training – Level 2 – \$375/day (January 26th, 2018)

March 2018 Training

- Lime Putty Mortar Installer Training – \$275/day (March 7th, 2018)
- One Masonry Repair Training – Level 1 – \$325/day (March 8th, 2018)
- Masonry Repair Training – Level 2 – \$375/day (March 9th, 2018)

Classes will be held at:

US Heritage Group Training Center

[3516 N. Kostner Ave](#)

Chicago, IL 60641

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