



TERRENCE LEE CONSERVATION

Traditional & Historic Brickwork Conservation



TRAINING COURSES

THE TUTOR

Terrence Lee Conservation is a company that specialises in the conservation of traditional & historic brickwork. Terrence Lee is a City & Guilds Advanced Craft Certificate bricklayer who works continuously on site.

He has an MA in Historic Environment Conservation, a BA in History and a Cert ED. Terrence has been trained by some of the leading brick craftsmen in the country as well as at West Dean College.

He has lectured on post graduate courses at Weald & Downland Living Museum and Birmingham City University. Terrence has also delivered training for the Canals & Rivers Trust and been involved in training for numerous Townscape Heritage Initiatives around the country.



TESTIMONIAL

“I have no hesitation in recommending Terrence Lee as an experienced tutor and trainer in traditional brickwork. Terrence has taught courses on the history and practice of traditional brickwork for post graduate students at Ironbridge Institute and Birmingham City University. He is able to communicate with great clarity at all levels from the experienced contractor to the inexperienced homeowner.”

Harriet Devlin MBE

MA (Cantab), AMA, PGCE, Dip Cons (RSUA), IHBC

COURSES AVAILABLE

01

**UNDERSTANDING
THE TRADITIONAL
BRICK BUILDING:
CONSTRUCTION,
PERFORMANCE,
VULNERABILITY
& MAINTENANCE**
(1 DAY)

02

**LIME ON
SITE**
(1 DAY)

03

**HISTORY OF BRICK
MANUFACTURE
AND BRICKWORK
FROM MEDIEVAL
TO 20TH CENTURY**
(1 DAY)

04

**PRACTICAL
BRICKWORK
CONSERVATION**
(2 DAY)

05

**TRADITIONAL
POINTING AND
JOINTING ON SITE**
(4 DAYS)
ONE TO ONE ONLY

06

**TUCK
POINTING**
(4 DAYS)
ONE TO ONE ONLY



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01

UNDERSTANDING THE TRADITIONAL BRICK BUILDING: CONSTRUCTION, PERFORMANCE, VULNERABILITY & MAINTENANCE

(1 DAY)

This course is aimed at bricklayers, masons, contractors, professionals and homeowners who wish to understand more about traditional buildings, how they differ fundamentally from new build and how to carry out a basic maintenance check. It will provide valuable underpinning knowledge for those who intend to carry out repairs on or maintain a traditionally built brick building.

The years following the First World War saw a rapid decline in the traditional method of solid wall construction and the advent of cavity wall construction on a large scale. This course will investigate the factors that brought about this change. It will examine the differences in the construction of traditional & modern buildings, how they perform in different environmental conditions, factors that affect their survival including agents of decay, inappropriate repairs and materials. The course will go on to explain why maintenance is so important and how a basic maintenance check can be carried out. At the end of this course the student will have gained knowledge in:

- Understanding key differences between traditional and modern brick buildings
- Understanding performance of the building
- Understanding key points in traditional brick construction
- Identify some symptoms and causes of decay
- Why and how such buildings should be maintained

02

LIME ON SITE

(1 DAY)

This practical course introduces bricklayers, masons & contractors to building limes used to construct & point traditional brickwork.

This course sets out how building lime on site is used. All types of building limes will be examined including bagged Natural Hydraulic (NHL), pre-mixed limes, lime putty as well as lime for slaking on site. The course will examine the packaging, characteristics, advantages, disadvantages and limitations of the various forms of lime as well as storage, mixing, slaking, tools, equipment, health & safety and good site practice relating to this material. Students will carry out a small lime slake and mix mortars from putty and NHL. The causes of failure of lime-based work and protection in various environmental conditions will be discussed in detail. Students will be shown how to complete a small area of conservation pointing and in so doing, will put theory into practice.





03

HISTORY OF BRICK MANUFACTURE AND BRICKWORK FROM MEDIEVAL TO 20TH CENTURY (1 DAY)

This course is aimed at bricklayers, masons, building professionals and enthusiasts of historic buildings.

This course charts the history of the use of brick in England from its arrival during the period of the Hanseatic League and its subsequent spread across most parts of England.

By means of examples of some of our finest brick buildings, the factors that led to the ingress of brick into England will be discussed followed by developments in the technology of brick manufacture. It will then examine what impact this has had on the size, colour, texture, form and anatomy of brick through the centuries. Throughout this presentation, the course will look at the changing natures of brickwork over this long period in our history.

04

PRACTICAL BRICKWORK CONSERVATION (2 DAY)

This course is intended for bricklayers, masons & contractors who wish to learn brickwork conservation skills. It is also aimed at building professionals who wish to familiarize themselves with stages of work, techniques and the logistical and administrative factors that need to be considered on site and which may feed into a specification of work.

This course will examine, by means of a presentation, an approach to desk based and physical investigation of traditional brickwork with the aim of identifying, context, features, form, decay, construction methods and pointing and jointing styles.



Different types of repairs will then be discussed and put into practice including surface preparation, cement removal, brick replacement, use of brick slips, conservation pointing, use of helical fixings in the stitching of cracks, plastic pigmented repairs & the importance of material sampling and matching. Students will make mortars for brickwork repairs, carry out brickwork conservation tasks listed above, including covering, wetting and protecting the work in different environmental conditions. Tools, materials and site practices will be discussed in detail.



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05

TRADITIONAL POINTING AND JOINTING ON SITE

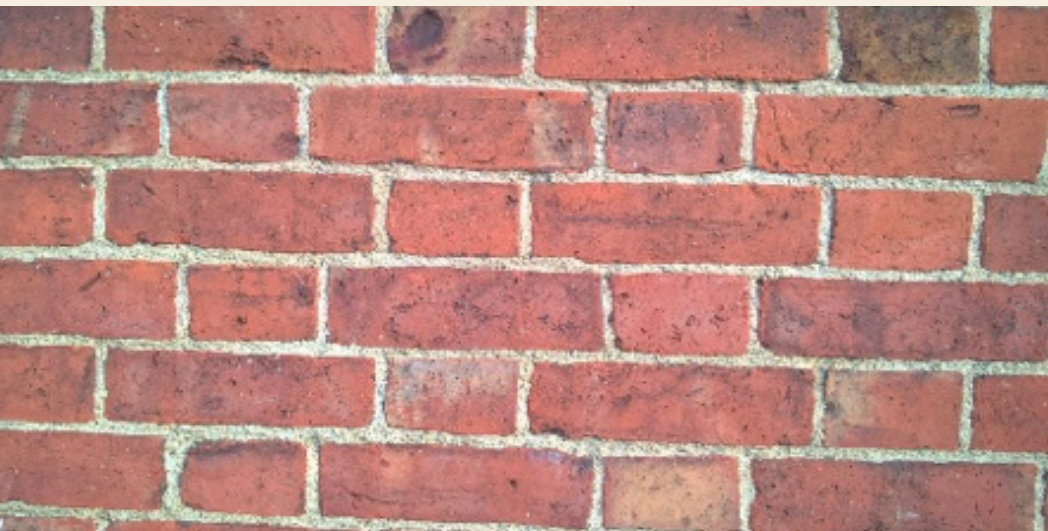
(4 DAYS)

ONE TO ONE ONLY

This course is intended for bricklayers and masons who wish to learn skills in traditional pointing and jointing in lime mortar.

The course will examine these traditional skills and their place in the broader architectural context with a tour of Shrewsbury to identify examples of traditional pointing and jointing finishes.

Following this, tools and equipment will be discussed. Students will learn about the systematic approach to site lime work. They will learn about surface preparation including the correct method and techniques to remove cement pointing. By means of tutor demonstration, they will go on to learn how to execute modern conservation pointing, Georgian ruled/penny struck jointing and Victorian cut and struck work. Students will have time to practice a panel of these finishes including work on a traditional brick structure.

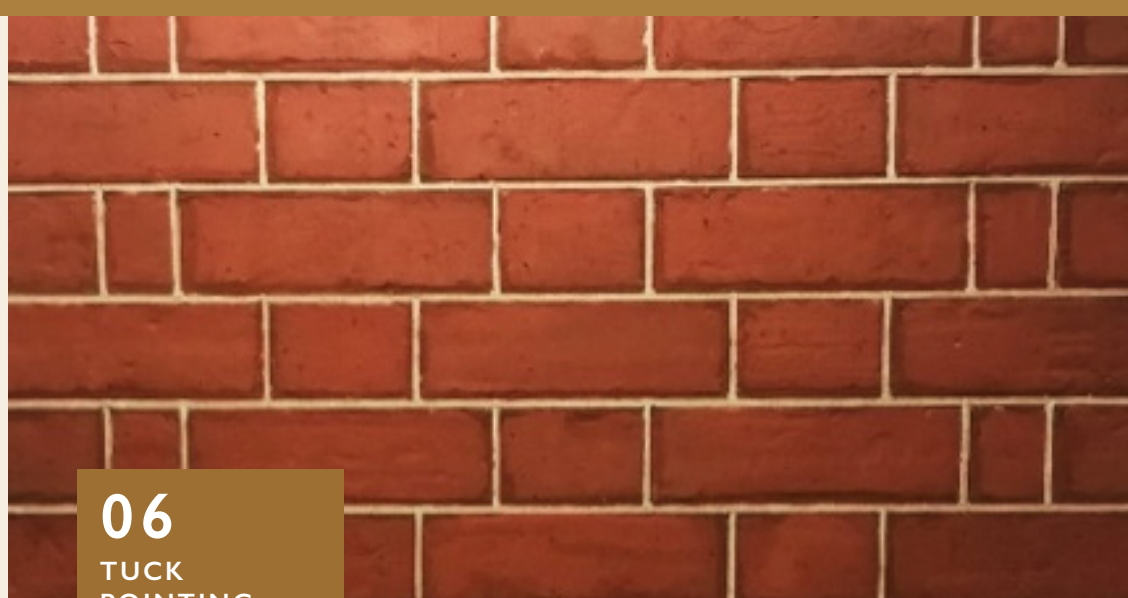


06

TUCK POINTING

(4 DAYS)

ONE TO ONE ONLY



This course is for bricklayers and masons who wish to learn this highly skilled, artistic finish.

The course will examine the historical context of this skill and view examples of tuck pointing in Shrewsbury.

Then by means of tutor demonstration, the student will be taught about the tools and how they are used, materials, surface preparation, setting out, use of pigments, colour washing, making & applying stopping, making a lime putty mix, cleanliness of work, and protection of work in different environmental conditions. The student will have time to work on a panel of tuck pointing.

GENERAL INFORMATION

Courses are run between a purpose-built workshop and a traditionally built farm building. The courses are non-accredited, a certificate of attendance is issued.

Students are asked to bring their own safety boots and builders' gloves, but all other PPE will be provided. All tools, materials will be provided. All courses begin at 0900 and finish at 1630.

FEEES

For fees, please contact us.

LUNCH & REFRESHMENTS

Lunch and refreshments will be provided.
Please inform us of any dietary requirements you may have.

USEFUL INFORMATION

We also offer bespoke courses to suit your specific needs and at your business location, please contact us for further information.

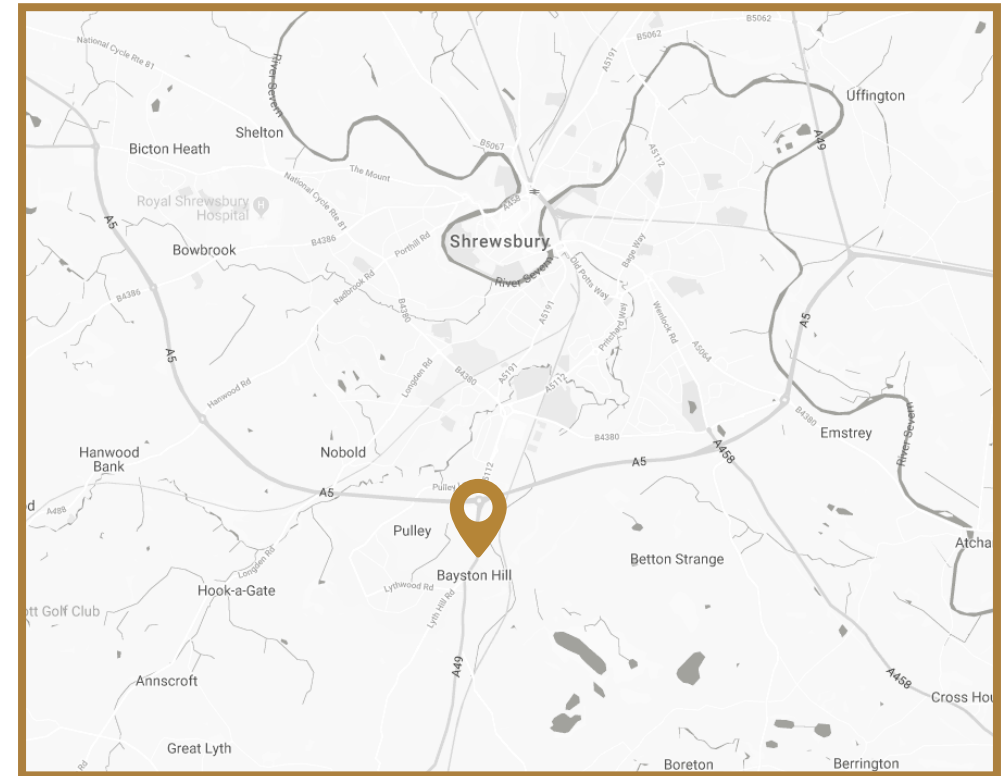
To book your place please contact us via email on info@terrenceleeconservation.co.uk

or call us on
07772 703613 or 07956 840649.



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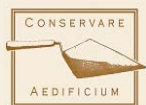
HOW TO FIND US



We are in the village of Bayston Hill, just off the A5, 3 miles south of the beautiful town of Shrewsbury.

Parking is available on the roads at the venue the address of which is:

Beehurst,
34 Lyth Hill Road,
Bayston Hill,
Shrewsbury, Shropshire,
SY30EW



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