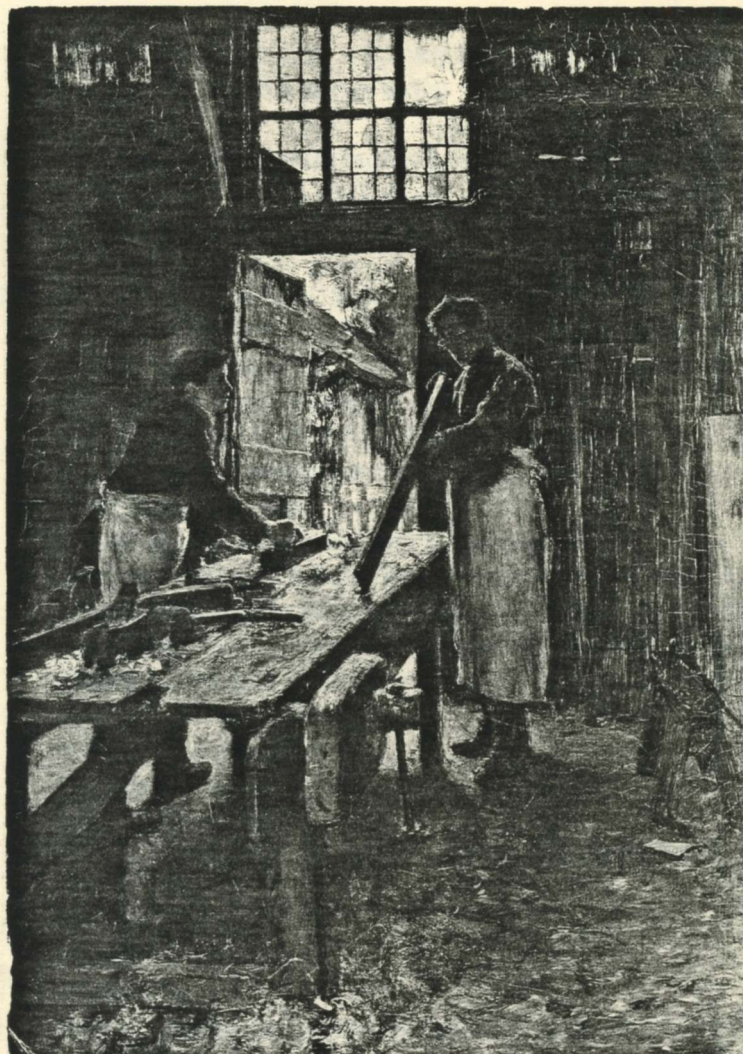


Craft Skill Training Course
Maintenance and Repair of Traditional
Joinery



Paul Reed M. A. Cons,
Historic Buildings Consultant

102 Fairlight Road
Hastings. TN35 5EL
Tel:01424 443301

HASTINGS TRUST

MAINTENANCE AND REPAIR OF TRADITIONAL JOINERY

- Introduction:** and interview day - 2 hours tutor preparation time,
5 hour to include talk, presentation and site visit.
- Course duration:** 13 weeks
- Timetable:** 3 days a week on practical skills and theory
- Hours:** Tutor preparation time - 7 hours initially then 1.5 hours a day,
Teaching time - 6.5 hours a day
- Workshop/
Lecture room** Classroom facilities including projection equipment, black/ white
board etc. and heated work space, secure tool cupboards, kitchen or tea
and coffee making facilities
- Materials required:** 10m run of various joinery quality softwood timber sections eg
100x50mm, 75x50mm 38x100mm and 38x75mm per student. [Where
possible this material will be used by the students in actual repair
situations to avoid wastage.]
2m of seasoned oak 200 x 75mm per student.
nails rust proof various sizes
glue Cascamite resin
screws stainless steel and brass various sizes
brass and cast iron hinges for door and window repairs
various hooks and catches for door and window repairs
sundry items such as window glass and ironmongery, I can only suggest
allowing a budget figure to purchase as and when required.
2.5 litres of wood primer
.5 litre wood knotting
2.5 litre of wood stopping
paint brushes [4]
various grades of glass paper pack of 100 sheets each.
putty
glazing sprigs
linseed oil
white spirit
plastic sheeting and plywood [quantity depends on site]
lead for sills " "
mortar and sealants for making good "
- Equipment:** first aid kit [2]
health and safety signs [2]
tarpaulins
work bench with two vices for two students to share
carpenter's trestles [2].
tool Cupboards [2]

special equipment
can be hired when
required

saw sharpening horse
drawing board, parallel motion, set square 45° & 30/60°
portable power transformer 240 /110v [4 port]
and 240v extension lead double insulated
110v extension lead [4]
110v heavy duty power hand drill variable speed [hammer percussion]
10mm chuck trigger control [4]
masonry drills [4 each]
hot air dryer, electric saws, sanders, planers etc.
scaffold towers, handrails and scaffold boards 2m working height
[as appropriate to site]
aluminium ladders 2 section 12 rung [2]
30m run of nylon rope 6mm
transport - van or truck 1 ton min.

Tools required:
(workshop)
* indicates 1 per
student.

sash cramps 1.8m [4].
sash cramp extenders [2].
G - cramps 200mm jaws [4].
jack planes (stanley)[4]
smoothing plane(stanley)*
tool bags*
adjustable square*
fold rule or retractable tape measure*
set of chisels bevel edged 6mm, 9mm, 12mm & 20mm*
wooden mallet*
steel hammer (stanley)*
glaziers hacking out knife [4]
nail punch [4].
pincers*
screw driver flat head large & small*
screw driver cross head large & small*
bradawl*
brace and bits*
panel saw*, tenon saw*, coping saw*, disposable all purpose saw [4].
marking gauge*, mortice gauge [4].
pencil & compass*
retractable marking and cutting knife (Stanley)*
saw sharpening files [4].
oil sharpening stone*
The tutor will lend students a selection of moulding planes and other
specialist tools as required.

Protective clothing: goggles*, overalls*. safety boots*, safety helmet*, face masks*

Site work: materials to be assessed, as and when required.

The course will be in the classroom and workshop for the first three weeks then it would be split between workshop and site work.

Schedule:

**Introductory day/
interview** to include general background to course and give applicants the opportunity to back out or sign up. Course starts two weeks later.

Weeks 1-2 History of joinery
Conservation philosophy
Understanding timber, it's properties and characteristics
Timber species
Timber performance and quality and usage.
Timber decay
Tools and their maintenance

Weeks 3 - 4 Historical details and use
Technical information and comprehension
Joints how they are designed, set out and made.

Weeks 5 - 6 Selecting tools
Making joints for window and doors
Making other special joints
Gluing and cramping
Glazing

Weeks 7 - 10 Identify problems and failures
Decisions on how and where to make the repair
Selecting tools for the repair, setting out the repair
Cutting out damaged/decayed timber
Removing items for workshop repair and temporary weathering/security
Selecting new timber
Cutting new material and making the repair (cutting and splicing)
Removing old paint surfaces and glass.
Re-fixing - sealants etc.

Weeks 11- 13 Repairing Historic details e.g.
Door cases, stairs and panelling
Skirtings, architraves, dados etc
Weatherings, Canopies, mouldings, soffits and facias
Shop fronts, verandahs and balconies
Pelmets and shutters

The following items are addressed throughout the course as appropriate:
Site management, Scaffolding, Safety, Clearing up.

Paul Reed
24/11/96