

## COURSE DETAILS – LONG WEEKEND LW 428

COURSE TITLE: BASIC WOODWORK SKILLS – MAKING A SIMPLE BOX

NAME OF TUTOR: PETER KUH

LEVEL OF ABILITY: A/B

### AIMS OF COURSE:

To introduce students to the technology of box construction and simple hinging practice.

### WHAT STUDENTS SHOULD ACHIEVE:

All students should complete all of the woodwork on the project set making a small box by the end of this short course.

### MATERIALS AND TECHNIQUES COVERED:

The box is made from solid hardwood with a birch plywood bottom.

Techniques: hand dovetailing, glueing up, cleaning up and marking out and setting in hinges.

### TEACHING METHOD:

The project as a whole is introduced and the technology that determines the construction methods used will be explained by the tutor. The use of each tool and process used is demonstrated and followed by student practice. The tutor will supervise and help as required, on an individual basis.

### EVENING SESSIONS:

#### **First evening session – attendance is an essential part of the course:**

After an introduction to the tutor's work, there will be a quick introduction to timber technology followed by:

- Discussion of some basic principles of effectively working with wood.
- Explanation of the project and the joints to be used.
- Discussion of the order of work and the skills to be covered in making the box.
- Demonstration of sharpening of chisels and plane blades.

#### **Other optional evening activities:**

The workshop is available until 10pm for students to work on, with aspects discussed with your tutor – these sessions are generally untutored with the exception of the last evening (see general timetable below).

### GENERAL TIMETABLE:

Day 1 – Demonstration of through-dovetailing. Practice by students of dovetailing in softwood (using square, steel rule, marking gauge, dividers, sliding bevels, dovetails saw, coping saw and chisel). All students complete practice dovetails. Box sides and ends are provided machined to size with grooves already cut for bottoms. Students mark out tails in boxes. Demonstration of sharpening a cabinet scraper.

Day 2 – Students cut tails and pins in boxes. Ply bottoms supplied already cut to size. Students check that bottom sections fit into grooves. Students glue up boxes checking for square. (Essential that all boxes are glued up by the end of the day. This may require working after dinner for some – non-residential students may book dinner in.)

Day 3 – Demonstration of cleaning up through dovetails. Students clean up outsides of boxes (using chisels, block planes, scrapers and abrasive paper) and top and bottom edges. Demonstration of marking out and setting in hinges. Students mark out and set in hinges, attaching the lid to the box. Discussion of finishing methods and finishing (if time allows) using Danish oil.

### STUDENT PREPARATION FOR COURSE IF ANY:

None necessary.

**HEALTH AND SAFETY:**

The tutor instructs students in health and safety issues relevant to this course. Students may work unsupervised on agreed projects once they have satisfied the tutor as to their competence. There may be restrictions on the equipment available to students in the tutor's absence. All Personal Protection Equipment, apart from footwear, is provided by the College.

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**MATERIALS FOR THE COURSE:**

PLEASE REMEMBER THAT ON PRACTICAL COURSES YOU MAY WELL NEED TO PURCHASE MATERIALS THROUGHOUT THE COURSE TO COMPLETE PROJECTS

Included in the non-residential fee for this course is the cost of timber and hinges supplied for the project.

**These items will be available for purchase in the College Shop:**

Slim line knives  
Garnet paper/abrasive paper, various grades 120–240 grit  
Pencil and notepad

**Please bring any of the above, if you have them, and in addition:**

Comfortable stout covered footwear  
Overall or apron

**COURSE TIMETABLE**

Course timetable for 2–9 day courses – each course starts with a welcome session on the first evening of the start date of the course and is followed by 2–9 days depending on the length of the course.

<b>Arrival Day</b>	From 4.00pm 7.00 8.15–9.15	Arrival for residential students. Non-residential students please arrive by 6.45pm for welcome chat and dinner. Dinner. First teaching session.
<b>Daily Timetable</b>	<b>9.15am</b> 10.30 12.30pm <b>2.00pm</b> 3.30 5.00 7.00 8.15	<b>Morning classes.</b> Coffee. Lunch. <b>Afternoon classes.</b> Tea. Classes finish. Dinner. Evening working – students may have evening access to certain workshops in the absence of their tutor, but only with their tutor's permission and provided it is safe to do so.
<b>Departure – last day</b>	10.00am 3.00pm 3.30	Residential students are asked to vacate rooms. Classes finish. Tea then departure.