



## WOOD MACHINING COURSE

**For those who are new to wood machining or have been using their own machines with limited experience**

### Course Overview

#### **Course Dates**

19<sup>th</sup>-20<sup>th</sup>/21<sup>st</sup> Dec 2011  
3<sup>rd</sup>-4<sup>th</sup>/5<sup>th</sup> Apr 2012  
18<sup>th</sup>-19<sup>th</sup>/20<sup>th</sup> Jul 2012

#### **Cost**

£275 for 2 Days  
£400 for 3 Days

#### **Duration**

2 Days or 3 Days

#### **Why choose this course?**

This course is designed for those who are new to wood machining or have been using their own machines with limited experience. It will also be useful to students who need to be updated on the latest regulations and safe systems of work, including ACoP (Approved Code of Practice).

If you are unfamiliar with wood machines, they can be daunting. The emphasis of this course will be on accurate and efficient use of modern woodworking machines operated within craft workshops. The machines that you will use are mainly from the Felder "Hammer" range and comply with the latest legislation. You will be given practical demonstrations and hands-on experience; Peter has many years experience in wood machining techniques and teaching those new to using machines.

The third day is dedicated solely to the setting up and safe use of the spindle moulder, to include the selection of cutter blocks and suitable guarding techniques.

During the course, Peter will assist and guide students, and he will endeavour to help with any particular problems you have been encountering with your own machines. Impartial advice will be given on the buying of machines and tooling.

#### **What will I achieve?**

This course will give you a thorough grounding in the safe and practical use of wood machines and tool selection, allowing you to make the most of your investment in your machines. You will learn how to save time, working accurately and with confidence. You will also come away with an extensive manual, written by Peter, on the Safe Use of Woodworking Machines and Setting up of Guards.

#### **This course is suitable for ...**

Beginners: ✓  
Intermediate: ✓  
Advanced: ✓

#### **Course Content**

- **Induction and Welcome to the School**
- **Introduction to Wood Machining**
  - Safe systems of work and ACoP in the working environment

- **Machines**
  - Narrow Band Saw
  - Cross Cut Saw
  - Dimension/Panel Saw
  - Surface Planer/Thicknesser
  - Hollow Chisel Mortiser
  - Spindle Moulder and Power Feed (Day 3 only)
- **Machining Procedures**
  - Setting up
  - Blade selection and changing
  - Fault diagnosis and rectification
  - Cutter block selection and spindle speed setting (Day 3 only)
- **Machining Techniques**
  - Ripping, deeping, cross cutting
  - Band Saw free hand curved work and template curved work
  - Straight line edging, manufactured board sizing
  - Mitring, compound angles
  - Cutting laminates, inlays and small mouldings
  - Face side and face edge, edging manufactured boards
  - Machine mortising
  - Straight fence and curved work (Day 3 only)
  - Shaw Guard setting and power feeding (Day 3 only)

### 🛠️ **Tools Required**

If you do not have any or many tools, the School can provide them for you to use. However, if you can bring along your own tools, the suggested tool list includes:

- Rule, Square, 2H pencil
- Vernier calliper (if you have one)

### 🛡️ **Health and Safety Equipment Required**

Students need to bring their own PPE (Personal Protective Equipment) as follows:

- Ear Defenders
- Safety Glasses

If you do not have the above PPE when you arrive on the course, you can purchase them from the School

### 🏠 **Where to Stay**

Please see the **Find Us** page of our website [www.peterseftonfurnitureschool.com](http://www.peterseftonfurnitureschool.com) and then click on **Where to Stay**.

### 📅 **Booking Info**

**How do I apply for any of your Courses?** First, please contact the School to confirm there is space on the course either by phone on 01684 591014 or email [sarah@peterseftonfurnitureschool.com](mailto:sarah@peterseftonfurnitureschool.com). Then complete the Course Booking Form and forward it with your 50% deposit to the School.

The balance will be due 6 weeks prior to the start of the course and if booking less than 6 weeks in advance, the total course fee will be due. The School regrets that we are unable to accept applications from anyone under the age of 18 at the start of their course.

**Duration and Facilities:** The course runs over 2 or 3 days, 09:00 to 17:00 with 1 hour for lunch. Students will need to provide their own lunch each day; tea and coffee are provided by the School.