



## **ROUTING COURSE – BEGINNERS MAKE A TOOL TRAY IN TWO DAYS PLUS OPTIONAL ADVANCED ONE-DAY COURSE - EXPLORING JIGS**

**Learn essential skills you'll need to use hand-held and table mounted routers; understand the importance of router and cutter selection as well as accurate and safe setting up, whilst making a jointed tool tray. An optional third day teaches more advanced routing skills and techniques including jig making**

### **Course Dates**

- 11<sup>th</sup>-12<sup>th</sup>/13<sup>th</sup> Apr 2017
- 4<sup>th</sup>-5<sup>th</sup>/6<sup>th</sup> Sep 2017
- 9<sup>th</sup>-10<sup>th</sup>/11<sup>th</sup> Apr 2018

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

- Beginners: ✓
- Intermediate: ✓
- Advanced: ✓

### **Cost**

£250 for 2 days  
£350 for 3 days  
including all materials

### **Course Overview**

#### • **Why choose this course?**

An introduction to safe and productive routing; this short course has been designed to give the essential skills that you need to understand the workings of routers, cutters, jigs and basic templates as well as progressing to more advanced techniques. The course is delivered by tutor Chris Yates, an expert on routing and jig design who has written a series of articles for Furniture and Cabinetmaking magazine.

### **Duration**

2 or 3 Days - 09:00-17:00

The course is aimed at those with limited experience of using a router or students who wish to buy a router and open up a new world of woodworking techniques. Students will learn how to select routers, tooling and tables, and how to set up hand-held and table mounted routers for accurate and safe operation. You will be given practical demonstrations and using your improved skills, you will make a tool tray to take away.

The tool tray will be made of Birch plywood and MDF with routed joints and grooves for the tray bottom and a curved and profiled top edge with a routed handle. You can choose to take the course over two or three days; the final day of the course is dedicated solely to advancing your routing skills and techniques and become confident in the design, construction and use of a range of jigs; you will also make your own useful, general purpose jig. There's no need to buy any tools to come on the course; we have all the routers and tooling required for your project but you may wish to bring your own router with you so that we can provide assistance on its use.

During the two days we will assist and guide students, and will endeavour to help with any particular problems you have been encountering in your own workshop. Impartial advice will be given on the various products on the market which offer the best quality and value for money. Small groups ensure plenty of hands-on tuition for every student. Students are able to try out, test and buy woodworking tools and equipment from Peter's tool shop [www.woodworkersworkshop.co.uk](http://www.woodworkersworkshop.co.uk) with a 5% discount – try before you buy ...

#### • **What will I achieve?**

At the end of this course you will have gained the knowledge, experience and confidence to attempt fundamental routing techniques and understand router terms and technology, learnt how to get the most from your routers and how to use them in a safe manner.

- **Course Content**

- **Induction and Welcome to the School**

- **Health and Safety in the Workshop**

- Storage and safe use of the router and cutting tools

- **Equipment Selection**

- Routers - 240V or 110V, motor size and plunge action, fine adjustment and dust extraction
- Router tables – home-made, purchased Phenolic, MDF, cast iron, router insert plates and router lifts
- Appreciation of different types of router/routing freehand, fixed, plunge and fixed base, trimmers, biscuit jointer
- Cutters - HSS, TCT, disposable tips
- Profile, diameter, length, bearing, arbour slotters, when to use ¼" or ½" shank
- Bearing or template guide bushes
- Fences, baseplates and trammel bars
- Understanding router add-ons – special bases, fences and sleds (Day 3 only)

- **Router Care and Sharpening**

- Cutter and router maintenance, diamond slips, resin cleaner, anti-rust VCI, PTFE spray (not silicone)

- **Using Jigs and Fences**

- Shop-made jigs, special purpose jigs and general purpose jigs
- Awareness of the need for a fence, pin, bearing, ring, guide bush, when routing
- Understanding and demystifying jigs – safety, accuracy, repeatability, and efficiency (Day 3 only)
- Choosing materials and fixings (Day 3 only)
- Practical design & making of a useful, general purpose jig (Day 3 only)
- Guarding your workpiece, safety, guiding and work holding (Day 3 only)
- Machining strategy – best order of machining tasks and why (Day 3 only)

- **Freehand Routing**

- How and when to do free-hand routing
- Holding work securely when routing
- Direction of cut

## **Health and Safety Equipment Required**

Students need to bring their own PPE (Personal Protective Equipment) to the course, as follows:-

- Ear Defenders
- Safety Glasses

You don't have to bring any tools with you as we have all the routers and tooling required for your project - you may wish to bring along your own router so that we can provide you with assistance on its use (only tools that are under one year old/with a current PAT test are able to be used in the workshop please).

## **Where to Stay**

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

## **Booking Info**

**Duration and Facilities:** The course runs over two weekdays, 09:00 to 17:00 with 1 hour for lunch. Students will need to provide their own lunch each day and tea and coffee are provided by the School. It is only a 3-minute drive to the town centre, where you will be able to buy lunch from the bakery or supermarkets on the High Street – there's also a great fish and chip shop ...

**How do I apply for any of your Courses?** First, please contact us to confirm there is space on the course either by phoning 01684 591014 or emailing [sarah@peterseftonfurnitureschool.com](mailto:sarah@peterseftonfurnitureschool.com). Then complete the Course Booking Form and forward it with your 50% deposit to the School. We accept payment by Bank Transfer and accept Debit and Credit cards (sorry - we no longer accept cheques).

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. Don't forget you will receive a 5% discount code for use at Peter's tool shop [www.woodworkersworkshop.co.uk](http://www.woodworkersworkshop.co.uk) whilst on your course. The School regrets that we are unable to accept applications from anyone under the age of 18 at the start of their course.

