Introduction to Boat Building

Ever wondered what thwart or cold moulding are?

This ‘boat building beginners’ course looks at how boats are shaped and why, terminology, construction methods, materials, propulsion, sails and rigs and rigging. This is a classroom based course, but workshop walkabouts and strolls to the harbour and Cornish Pilot Gig shed mean legs are regularly stretched.

10-11 January and 20-21 June 2019                                   £250

Build a Boat - Initial Set-up

Set up building frames and construct the backbone for modern and traditional wooden boats. Produce the stem, keel, hog and transom for a small dinghy and fit the components together to form the backbone. Also covers the theory of setting up for cold moulded, strip planked and carvel builds.

14-18 January and 24-28 June 2019                                   £625

Traditional Wooden Boat Building

Get insight into and practical experience of the construction of traditional clinker and carvel craft. Learn and practise tool sharpening, scarfing, fitting, planks, riveting and steaming. Set-up theory and lining-off planks is also covered.

21-25 January and 1-5 July 2019                                   £625

Modern Wooden Boat Building

Shape and fit glued clinker and cold moulded planks, practise methods of strip planking and stitch and tape boat building. Learn the basics of scarfing (lengthening planking timbers) and lamination of timber components. Understand the theory of modern methods for setting up building moulds, backbone arrangements and lining-off planks.

28 January-1 February and 8-12 July 2019                                   £625

Wooden Boat Restoration

A five day melting pot of traditional and more modern techniques. Practical activities include tool sharpening, timber preparation, scarfing, gluing, removal and re-fitting of planks, riveting and steam bending. Time permitting you will refit internal components (e.g. thwarts, risers and knees). If you would like to bring your own boat for the group to work on please send details and photos of the boat.

4-8 February and 15-19 July 2019                                   £625

GRP Repairs

Start with the basics of working safely with polyester based glass reinforced plastic (aka GRP) and understand the functions of components (e.g. resin, catalyst, pigments) before moving on to practical hands-on activities from gel coat repairs and colour matching to larger hull repairs requiring temporary moulds and formers. Six students maximum.

14-18 January, 11-15 February and 22-26 July 2019       £700

Renovation and Finishing

Instructed by Colin Henwood, of Henwood and Dean, master the techniques for producing a high grade paint or varnish finish; removing old coatings, preparing surfaces and applying the new finish.

7-11 January 2019                                                                  £625

Rope Work

Learn rope work techniques using three strand, double and single braids. Learn whipping and make grommets, back, eye and other useful splices.

24-25 January 2019                                                                 £250

What people said after 2018 short courses...

‘If you can learn and have fun at the same time what’s not to like.’ ‘Enjoyed the course very much, everything I expected and more. Great instruction.’ ‘The ability to chop and change the course dependant on expertise was excellent.’ ‘Exceeded expectations, flexibility was a real plus.’ ‘The class size was great. Good pace. Expectations met.’ ‘It was excellent – great tuition and good balance of demos and practical skills.’ ‘Very impressed all round.’ ‘The course exceeded my expectations.’
### Introduction to Woodworking
An absolute beginner’s introduction to the hand and power tools and materials used by boat builders and furniture makers. This is a classroom-based course with some very simple bench work.

**17-18 April 2019**

**£250**

### Basic Woodworking 1
Set solid foundations in tool sharpening and maintenance, wood selection and preparation. Make basic joints including framing and lengthening joints. An intensive course suitable for beginners as well as those with a little (perhaps school day) experience. You will make a bespoke picture frame to take away.

**7-10 January and 23-26 April 2019**

**£500**

### Basic Woodworking 2
Impress your friends with the beauty of your lapped and through dovetail joints. Using your new skills you will make a simple dovetail box with a lid to take home. The course follows on from ‘Basic Woodworking 1′, but is also suitable for people with other basic woodworking experience.

**14-18 January and 29 April-3 May 2019**

**£625**

### Basic Woodworking 3
Learn basic routing and wood bending and expand your dovetailing skills. You will make a curved, dovetailed box to take home. To join you should be practically minded with a little woodworking experience. This course builds on skills learned in ‘Basic Woodworking 1 and 2’.

**6-10 May 2019**

**£625**

### Furniture Making
An opportunity to develop hand and power tool techniques using one of three prepared projects as a training exercise. Choose from a chair, console or wine table. You will take the finished piece home. Expert designer/maker Mark Ripley instructs on design principles and ergonomics before you make joints, assemble, sand and wax your piece. You need some woodworking experience to join this course.

**13-17 May 2019**

**£650**

### Marquetry
No woodworking skills required to learn the intricate art of marquetry. Make simple motifs before progressing to more complex designs. You will also learn parquetry, shading and finishing techniques. You will take home at least two coasters, a decorative panel and some of the tools used to produce them.

**12-16 August 2019**

**£625**

### Antique Furniture Restoration
Learn how to restore and repair antique furniture, reviving original patination and finishes. Guided by master restorer Christopher Booth you will reduce furniture to component parts, clean and repair joints and match veneers, stringing and timber for colour and quality and revive brassware and other decorations. You may work on a piece of your own furniture; please submit photographs in advance of the course.

**2-6 September 2019**

**£625**

### Contact
To book a course simply contact us or download a booking form from our website and send to:

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Lyme Regis
Dorset DT7 3JN

E: office@boatbuildingacademy.com
T: 0044 (0)1297 445545

### Accommodation
The Academy’s accommodation has 12 single study bedrooms, a large fully-equipped kitchen, a dining/sitting room with wood-burning stove and an upstairs sitting room looking out to sea. There are no en-suite rooms, but accommodation is comfortable and reasonably priced enabling course members to live and work in a stunning location. The cost to short course students is £35 per night.

www.boatbuildingacademy.com

Teaching more than boat building