

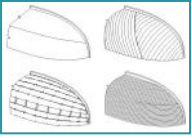


# Boat Building Academy

## Short Course Programme 2020/2021

**Use of all tools and materials are included in course fees**

### Introduction to Boat Building



Ever wondered what thwarts 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.

15-16 October 2020, 5-6 January 2021

£280



### 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.

26-30 October 2020, 18-22 January 2021

£675



### 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.

16-20 November 2020, 25-29 January 2021

£675



### 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.

2-6 November 2020, 1-5 February 2021

£675

*5% discount for two or more courses*



### 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.

9-13 November, 23-27 November, 7-11 December 2020

8-12 February 2021

£675



### 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). Tackle practical hands-on activities from gel coat repairs and colour matching to larger hull repairs requiring temporary moulds and formers.

9-13 November, 23-27 November 2020

1-5 March 2021

£750



### Renovation and Finishing

Instructed by Colin Henwood, formerly 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.

22-26 February 2021

£675



### Ropework

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

30 November-1 December 2020, 7-8 January 2021

£280



### Sail Making

Design, cut shapes, machine/hand sew and maintain traditional sails for anything from a small dinghy to a round-the-world yacht. Learn modern sail making techniques using a sewing machine and hand stitching for emergency repairs and final finishing. It may be possible to make sails for yourself, contact us for details.

5-9 October, 19-23 October 2020

15-19 February, 8-12 March 2021

£675



# Boat Building Academy

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**Use of all tools and materials are included in course fees**

### Introduction to Woodworking



An absolute beginner's introduction to hand tools and materials used by boat builders and furniture makers. This is a practical course with some very simple bench work.

15-16 April 2021

**£280**

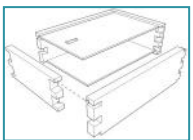
### Woodworking Skills 1



Set solid foundations in tool sharpening and maintenance, wood selection and preparation. Make basic joints including halvings, bridle and mortise & tenons. An intensive course for beginners as well as those with a little experience. You have the opportunity to make your own bespoke picture frame to take away.

4-8 January 2021, 19-23 April 2021

**£675**



### Woodworking Skills 2

Through and lapped dovetail joints demystified. Learn the setting out and cutting of handmade dovetails. You will make a simple dovetailed box with sliding lid to take away.

11-15 January 2021, 26-30 April 2021

**£675**



### Woodworking Skills 3

Develop your making skills and produce a wine table with laminated legs and mortise & tenoned frame. The top is profile routed on the router table and dowelled to the legs. Previous woodworking experience an advantage.

3-7 May 2021

**£675**



### Woodworking Skills 4

Steam bending and laminating techniques, profile copying, mortise & tenons, biscuit and dowel joints all feature in this course where you develop existing hand and power tool skills while making an elegant side chair. You will need some woodworking experience to join this course

10-14 May 2021

**£675**



### 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.

12-14 October 2020

**£390**



### 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.

7-11 September 2020

**£675**



### Bench Making

Build and take away a cabinet maker's workbench of a design that we use in our woodworking workshop. The fee includes timber for a pine bench with plywood shelves (to upgrade to beech, contact us for a price), as well as vices and dogs. There may be an opportunity to tailor the bench; contact us to discuss your requirements.

7-11 December 2020

**£950**

## Gift Vouchers

Why not give a gift voucher? Available in increments of £125 which can be put towards any short course at the Academy. Vouchers can be purchased online or over the telephone.

## Contact

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

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