

# BOAT BUILDING ACADEMY

## SHORT COURSE PROGRAMME 2022/23

### BOAT BUILDING COURSES



#### INTRODUCTION TO BOAT BUILDING

Ever wondered what thwarts or cold moulding are? This introductory course looks at how boats are shaped and why, terminology, construction methods, materials, propulsion, and sails and rigs/rigging. This is a

classroom-based course, but workshop walkabouts and strolls to the harbour and the gig shed mean legs are regularly stretched.

9-10 January, 19-20 June 2023 £295



#### BUILD A BOAT INITIAL SET-UP

Set up building frames and the backbone for a traditionally built clinker boat. Produce the stem, keel, hog and transom for a small dinghy and fit the components together to form the backbone. The course also covers the theory for setting up for glued, cold moulded, clinker, strip planked and carvel builds.

16-20 January, 26-30 June 2023 £695



#### TRADITIONAL WOODEN BOAT BUILDING

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

23-27 January, 3-7 July 2023 £695



#### MODERN WOODEN BOAT BUILDING

Learn the skills for glued clinker, cold moulding, strip planking and stitch & glue boat building. There will also be a foundation in scarfing and lamination of timber components. Understand the theory of modern methods for setting up building moulds, backbone arrangements and lining off planks.

30 January-3 February, 10-14 July 2023 £695



#### OAR AND PADDLE MAKING

On this course you will learn various oar construction methods and how to shape blades and looms. Make your own pair of oars or a paddle to take home.

Please contact us in advance if you have any specific requirements about the oar/paddle you'd like to make.

8-12 August 2022 £695



#### WOODEN BOAT RESTORATION

A five-day melting pot of traditional and modern techniques. Practical activities include tool sharpening, timber preparation, scarfing, gluing, removal and refitting of planks, riveting and steam bending. Time permitting you will refit

internal components (e.g. thwarts, risers and knees). There may be an opportunity to bring your own boat for the group to work on, please get in touch for details. There will be an additional charge for any materials used on your own boat.

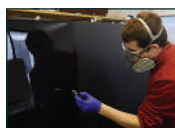
6-10 February, 17-21 July 2023 £695



#### GRP REPAIRS

Start with the basics of working safely with polyester-based glass reinforced plastic (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.

16-20 January, 26-30 June 2023 £775



#### RENOVATION & FINISHING

Instructed by master boat builder Colin Henwood, learn the techniques for producing a high-grade paint and varnish finish; removing old coatings, preparing surfaces and applying a new finish.

23-27 January 2023 £695



#### ROPEWORK

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

30-31 January, 10-11 July 2023 £295



#### MODERN SAIL MAKING TECHNIQUES

Design and cut shapes, machine and hand sew, and maintain sails for anything from a small dinghy to a round-the-world yacht. It may be possible to make sails for yourself, please contact us for details - there will be an extra charge for materials used.

13-17 February, 17-21 July 2023 £695



#### TRADITIONAL SAIL MAKING

This course will focus on hand sewing using a palm and needle, and will include traditional finishing techniques such as rope edging, roped grommets, corner rings and leather edging works.

7-11 August 2023 £695

## 5% DISCOUNT WHEN BOOKING TWO OR MORE COURSES

*Gift vouchers available*

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# BOAT BUILDING ACADEMY

## SHORT COURSE PROGRAMME 2022/23

### WOODWORKING COURSES



#### INTRODUCTION TO WOODWORKING

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

13-14 April 2023 £295



#### WOODWORKING SKILLS 1

Set solid foundations in tool sharpening and maintenance, wood selection and preparation. Make basic joints including mitres, halvings, and mortise & tenons. An intensive course for novices as well as those with a little experience. You will make a simple picture frame to take away.

17-21 April 2023 £595



#### 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.

24-28 April 2023 £595



#### WOODWORKING SKILLS 3

Develop your making skills to produce a small 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.

8-12 August 2022 £695



#### GREEN WOOD CHAIR MAKING

Learn the basic principles of green woodwork including cleaving and conversion of an ash log, as well as steam bending, drying, and construction. At the end of the week, you will take away a chair of your own. Cost of materials are included in the course fee.

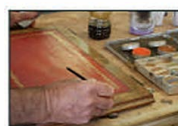
5-9 September 2022, 21-25 August 2023 £595



#### MARQUETRY

No woodworking skills are 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. Take home at least two coasters, a decorative panel and some of the tools used to produce them.

15-19 August 2022, 4-8 September 2023 £695



#### ANTIQUE FURNITURE RESTORATION

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

22-26 August 2022, 11-15 September 2023 £695



#### BENCH MAKING

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

15-19 August 2022, 31 July-4 August 2023 £975



#### ROUTING

An introduction to the safe use of routers, direction of cut, holding the workpiece, PPE and dust control. Different methods of working with a router, guided handheld, free-hand, and table mounted. Key points for setting up, base types, selecting the appropriate cutter and speed, ¼" or ½" shank. Different types of guided cutting, bearings, inserts and specialist equipment such as trammels. How to set up and use jigs and templates for differing cuts and the implications for cutter types.

7-9 August 2023 £450

#### HOW DO I BOOK?

To book a course(s), we require full payment plus a completed booking form (available on our website).

#### HOW DO I PAY?

You can pay by bank transfer, over the phone with a credit/debit card, or by cheque (to Boat Building Academy Ltd.)

#### DO YOU HAVE ACCOMMODATION?

The Academy has limited on-site accommodation; please get in touch to discuss availability.

#### DO I NEED TO BRING ANYTHING WITH ME?

Unless specified, you will not need to bring anything else with you. Sensible clothing/footwear is advised.

#### WHAT IS YOUR CANCELLATION POLICY?

In the event of a cancellation, you are entitled to a refund of the course fee(s) minus a £100 admin fee.

The Boat Building Academy reserves the right to cancel courses and return fees.