

## SHORT COURSE DETAILS

4D683I AN INTRODUCTION TO CLOCK MAKING

Tutor: JONATHAN BUTT & MATTHEW READ

Dates: 4 DAYS SUNDAY 26 MARCH – THURSDAY 30 MARCH

### ABOUT YOUR COURSE:

This is an introductory short course for the novice wishing to consider clock making as a profession, or as a pre-cursor to the West Dean College Clocks Diploma Course.

Over the course of four days, students cover many aspects of the clock making process resulting in the manufacture of your own working escapement model to take home.

Following the initial overall design and calculation of individual components, you can expect to participate in practical demonstrations and the application of hand-skills, together with the operation of machine tools.

The course aims to promote an enthusiasm for creativity, and the concept and development of three-dimensional dynamic objects.

### LEVEL: BEGINNERS

Starting points. For those with little or no experience who want to go back to basics and would like a structured introduction to a subject.

### ABOUT YOUR TUTORS:

Jonathan Butt graduated with distinction from the West Dean College Professional Development Diploma in the Conservation of Clocks in 2012. He has since established his own clock restoration business and is also a part-time physics lecturer.

Matthew Read is Programme Leader for Conservation of Clocks at West Dean College. He is an experienced horologist in both conserving and making.

### TIMETABLE:

#### Arrival day: Sunday 26 March

From 4.00pm	Arrival for residential students
6.45pm	Non-residential students please arrive by 6.45pm for welcome chat and dinner
7.00pm	Dinner
8.00pm – 9.00pm	First teaching session – <b>attendance is an essential part of the course.</b> An introduction to the course content including Health & Safety. An overview of the history of clock making and the future development of making clocks in West Dean's full-time course.

#### Other days: Monday 27 March – Wednesday 29 March

9.15am	Morning classes start
10.30am	Coffee
11.00am	Morning classes continue
12.45pm	Lunch
2.00pm	Afternoon classes
3.30pm	Tea
4.00pm	Afternoon classes continue

**Other days continued: Monday 27 March – Wednesday 29 March**

5.00pm	Classes finish
From 6.30pm	Dinner
8.00pm	Evening working – the workshop will be open until 10pm for work using hand tools only – (plenty of that to do!).

**Departure day: Thursday 30 March**

(Residential students to vacate rooms by 10am)

9.15am	Morning classes start
10.30am	Coffee
11.00am	Morning classes continue
12.45pm	Lunch
2.00pm	Afternoon classes
3.00pm	Classes finish
3.30pm	Tea then departure

**REQUIRED PREPARATION:**

Please wear sensible clothes (no open toed sandals) for working in a workshop.

**MATERIALS FOR YOUR COURSE:**

We have a generously stocked craft shop, which opens daily from 8.30am–2pm.

For any materials you need to purchase from the shop, we suggest you do so during the first morning of your course, after having discussed with your tutor.

**Materials included in the course fee:**

All materials required to make your escapement model.

**Available from the Shop:**

General art materials  
Steel ruler  
Pencils for geometry  
Protractor

**Please bring any of the above, if you have them, and in addition:**

Apron or a workshop coat, and covered footwear to wear in workshop  
Hand tools for metal work if you have them  
Calculator

**Please note:** All students will be provided with standard safety spectacles so if you wear prescription spectacles you may want to consider buying your own safety prescription glasses, as you must wear safety glasses when using machine tools.

**HEALTH AND SAFETY:**

The tutor instructs students in health and safety issues relevant to this course. Students may work unsupervised on agreed projects once they have satisfied the tutor as to their competence. There may be restrictions on the equipment available to students in the tutor's absence. All Personal Protection Equipment, apart from footwear, is provided by the College.