

COURSE DETAILS – 1 DAY 1D0376

TITLE: AN INTRODUCTION TO COMPUTER AIDED DESIGN FOR SILVERSMITHING

TUTOR: LUCIAN TAYLOR

LEVEL: BEGINNERS

AIMS OF COURSE:

Computer Aided Design is a powerful tool for silversmiths to use alongside their traditional craft skills to complement and extend them. This course aims to give an introduction to Rhino3D, a powerful but intuitive CAD programme and demonstrate how it can be used to assist in the design of silversmithing objects.

WHAT STUDENTS SHOULD ACHIEVE:

Students should achieve a basic understanding of how to use Rhino3D. Methods for creating CAD models of objects such as candlesticks, bowls and boxes will be covered. Additionally, students will understand how to create rendered images, development of boxes, and how to use Rhino3D to calculate material requirements.

MATERIALS AND TECHNIQUES COVERED:

Computer Aided Design – Rhino3D.

TEACHING METHOD:

Each student will have a laptop loaded with Rhino3D, teaching will be by demonstration, exercises and individual discussion with students.

GENERAL TIMETABLE:

Morning session: Rhino3D basic exercises.

Afternoon: Working on individual designs, additional Rhino3D techniques.

STUDENT PREPARATION FOR COURSE IF ANY:

It would be useful to bring some design ideas or finished objects for a starting point for your designs with Rhino3D.

HEALTH AND SAFETY:

The tutor instructs students in health and safety issues relevant to this course. There are no health and safety restrictions on access to this studio/teaching space in the absence of the tutor. All Personal Protection Equipment, apart from footwear, is provided by the College.

TAY21D3

MATERIALS FOR THE COURSE:

These items will be available for purchase in the College Shop:

CDR's (recordable compact discs)

COURSE TIMETABLE

Course timetable for one-day courses – each course starts with registration and coffee.

One-day timetable	9.00–9.15am	Registration and coffee
	9.15	Morning classes.
	10.30	Coffee.
	12.45pm	Lunch.
	1.30pm	Afternoon classes.
	3.30	Tea.
	5.00	Classes finish.