

Certificate Course: CAD Jewellery Drawing with Rhino (PC only)

noventus

Course Breakdown

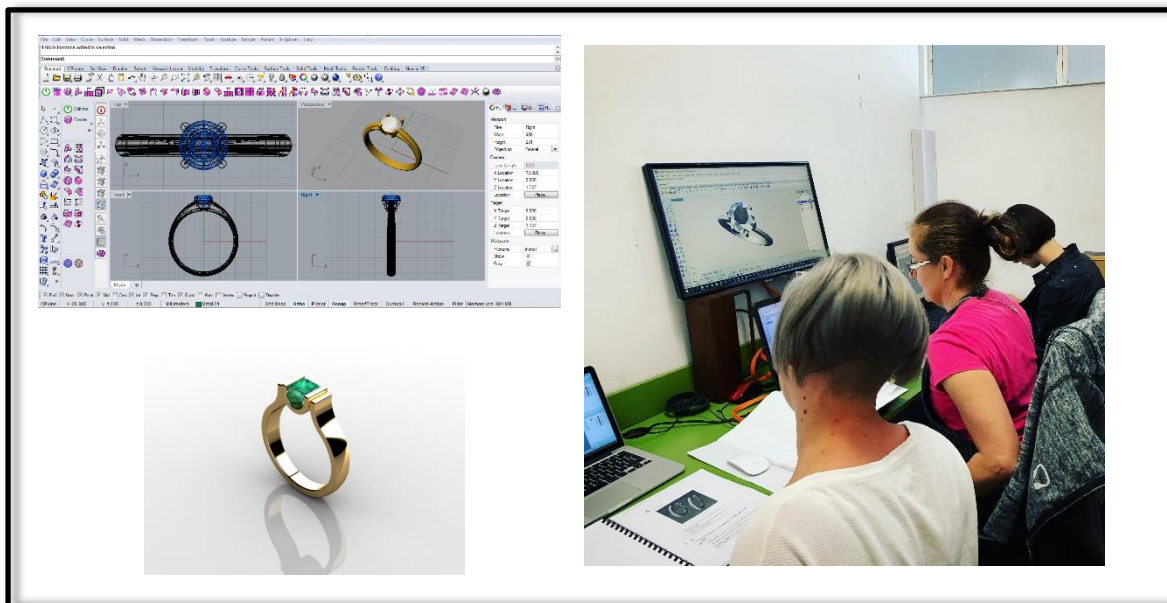
Module	Duration	Fee
Intro to Rhinoceros(Rhino) for jewellery Version 6 (Includes comprehensive course notes, the use of studio computers, certificate)	3 Days (9:00 – 15:00)	R5200 (excludes software)

Course Module Details:

Introduction to Rhinoceros for jewellery (Rhino)

Module (3 days)

Getting to know the Rhino interface; Basic shapes and tools; Pendants; Drawing cabochons; Working with gemstones in Rhino; Importing and tracing from a bitmap; Wedding rings; Earrings; Creating hollow objects; Decorative elements; Layout, measurements and annotations; Production processes, Basic rendering.



Aim:

The aim of this certificate course is to introduce the student to Computer Aided Design as a drawing tool. Rhinoceros (Rhino) software is used to draw photo realistic renderings of any object in 3D.

Prerequisites:

- ***Basic computer literacy. Using windows, creating files and folders, using a mouse, left and right clicking and double clicking.***
- An understanding of how Jewellery is made would be an advantage. Understanding sizes and tolerances needed in Jewellery making would also benefit the student.
- The course is taught using studio computers OR on the students' own computer.

- If you decide to use your own computer, please take note of the following:

Download and install an evaluation version of Rhino at least one week before your course date - <https://www.rhino3d.com/download/rhino-for-windows/6/latest> on the www.Mcneel.com website.

PC: Minimum system requirements:

Operating system: windows 7/8/10.

Processor: Intel core i5 or i7

Ram: Minimum 4GB ram (8GB is recommended)

Graphics: Any good OpenGL supported graphics card is recommended eg NVidia GeForce, nVidia Quadro

Hard drive space: At least 1GB free hard drive space is recommended.

If using your own computer, make sure to bring a 3 button wheel mouse

- **1 x empty Flash drive/memory stick of about 8G.**

Outcome:

After completing the course, the student will have a working knowledge of Rhino that shows they will be able to:

- navigate the user interface of Rhino
- understand the use of basic drawing tools and commands
- understand how to use NURBS and control points
- use tools to control, edit and manipulate drawings
- insert bitmaps and materials into a CAD drawing
- draw and render a variety of 3D jewellery shapes and manipulate/edit them
- prepare drawings for 3D milling or 3D printing and casting
- save and export drawings to mail to clients and production

Duration:

3 Days (every day 9:00 – 3:00)

(Mon – Wed - weekdays only) please enquire about upcoming dates.

Course fee:

R5200 - payable in advance

The course fee DOES NOT INCLUDE software.

<http://www.novusdesign.co.za>

E-mail: info@novusdesign.co.za

Cell: +27 (0)83 450 7486

We reserve the right to change program fees, dates and content at any time