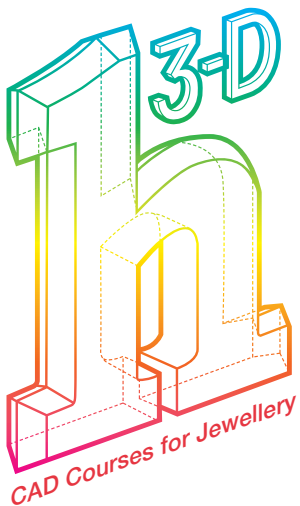




Roland JewelStudio and RhinoGold

*Roland Certified
CAD/CAM Course*



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SimplyRhino
sales, training and support



holts academy

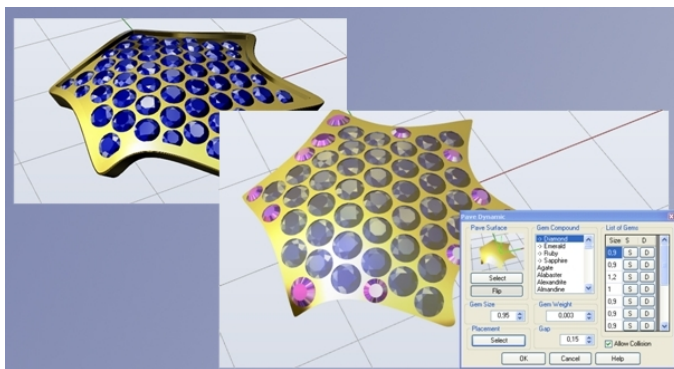
The UK's First Officially Certified Training Course for Roland JewelStudio and RhinoGold

Last updated 26 August 2008



Overview

Roland and RhinoGold have teamed up to offer **Roland JewelStudio**, a new fully comprehensive CAD/CAM design and CNC manufacturing solution based upon Rhino software. And H3-D is proud to team up with SimplyRhino to deliver the UK's first officially certified training course for this new solution.



This course will help students establish a balanced understanding in all the component parts of Roland Jewelstudio. Students will be given a solid grasp of using the RhinoGold modelling toolset, along with assisted practice in using Roland's own integrated CNC milling software.

As with H3-D's Rhino courses, the focus will remain on situations frequently encountered when using CAD to create jewellery for Computer Aided Machining (CAM). The goal is to familiarize students with RhinoGold sufficiently to allow them to confidently experiment with the software, ultimately improving their productivity with the help of CAD/CAM technology.

This course is typically offered in one of two forms: either as a 2-day classroom-based course, or as a one-on-one single day bespoke training session.

Prerequisites

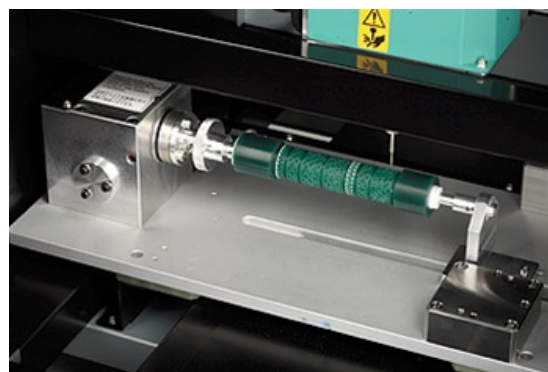
This course is intended for anyone who has already taken either the basic Rhino for Jewellery Designers course, McNeel's Rhino Level 1 course, or who has the equivalent experience. Normally the Roland JewelStudio course comes as an extension onto a Basic Rhino for Jewellery Course, but students who wish to take this course on its own will be asked to complete a test model to prove sufficient understanding of Rhino basics.

Due to the topical nature of the class, students will be expected to have some understanding of jewellery design and/or



manufacture. The equivalent knowledge to at least one of the following short courses offered By Holts Academy is required:

- Art of Jewellery Design
- Begin at the Bench
- Wonders of Wax



Follow-Up Courses

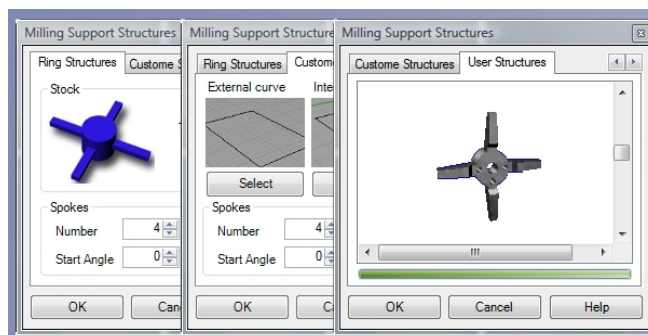
Upon completion of this course and approximately 4-6 weeks of steady practice, there are several possible follow-up courses which can help provide more advanced knowledge:

- **CAD Rendering with V-Ray** will allow students to learn all of the best tips and tricks for making their 3D renders look more realistic.
- **Intermediate Rhino for Jewellery Design** will focus on more complex techniques and working methods like filigree and surface sculpture among others.
- **ClayTrix** will literally give students the power to carve and sculpt their 3D models as if they were made from clay.

Alternatively, learning a second software package will provide even greater design flexibility. Contact H3-D for additional information on the differences and advantages of each software package.

Additional Benefits to Students

- **2 free hours** of time in the drop-in centre
- **20% discount** on Rapid Prototyping services offered through H3-D's product development bureau, good for 6 months after the student's first course finishes.



Contact H3-D for more details:
<http://www.h3-d.com>



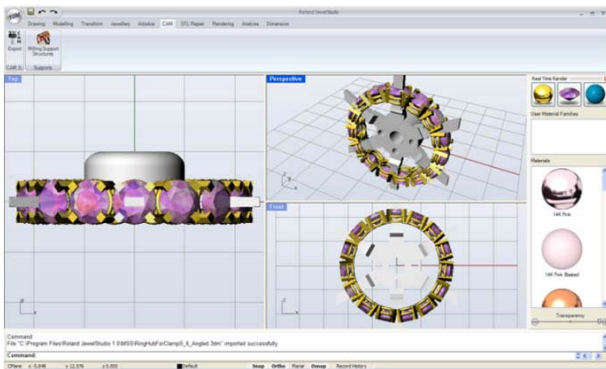
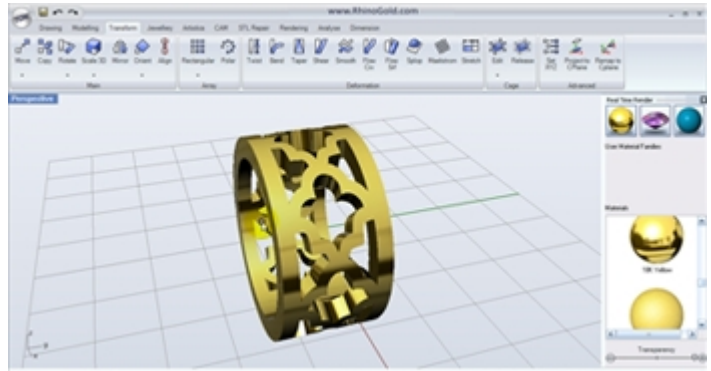
Curriculum Overview

The following is a summary of key topics covered on each day of the course.

Day 1

1. Using RhinoGold's Basic Toolset, including

- a. Channel settings
- b. Profiles
- c. Symmetry
- d. Chain tools
- e. Offset
- f. Preparing a file for 2-sided CNC milling on the Roland JWX-30



Day 2

2. Advanced Tools and Techniques with RhinoGold, including

- a. Pave Settings
- b. Cutter Studio
- c. Bevel Studio
- d. Head Studio
- e. Prong Studio
- f. Preparing a file for rotary CNC milling on the Roland JWX-30

Optional Tutorials

1. Using Dynamic Arrays
2. Converting images to vectors

