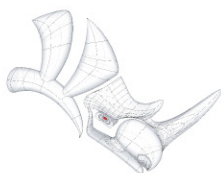
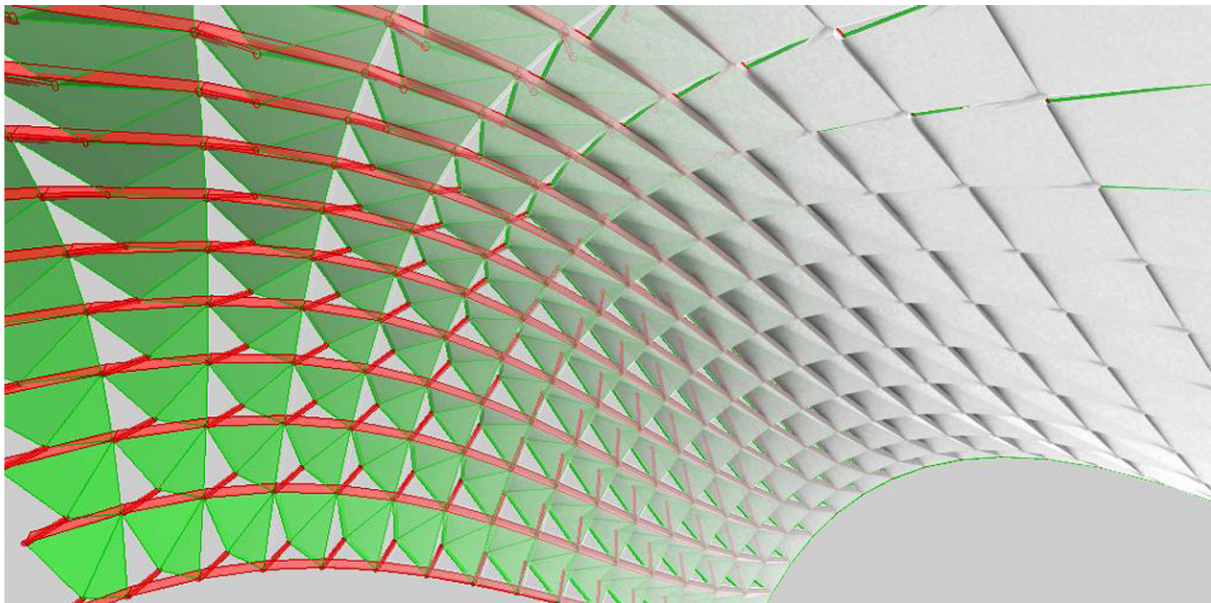


# **SimplyRhino**

*sales, training and support*



**Rhino**ceros<sup>®</sup>  
NURBS modeling for Windows

## **Grasshopper Level 1 Outline & Objectives**

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## Simply Rhino Grasshopper Level 1

This fast moving one day course is an ideal introduction to Grasshopper, the powerful and easy to use parametric plug-in for Rhino. Grasshopper enables efficient workflows, easy manipulation of complex geometry and exciting new generative design possibilities.

Aimed at those with little or no prior experience, this class will cover all the essentials needed to quickly get started, including:

- Basic Interface - how Grasshopper works together with Rhino
- Creating and manipulating all the main geometry types: Points, Vectors, Lines, Curves, Surfaces and Meshes.
- Organizing data with Lists and Trees
- Using simple Mathematical and Logical expressions
- Extracting information for fabrication
- Tips, tricks and shortcuts
- Common pitfalls and how to avoid them
- An introduction to physical simulation with Kangaroo

Other specific topics can be covered if requested in advance.

Annotated example files will be provided

