



## Ge - LAB

### Introductory Workshop to Rhino 3D Modeling

Your gate to the most progressive NURBS modeling software used by most design disciplines. Whether you are an architect, an interior designer, a jewelry designer, or a marine designer, Rhino provides all tools and means to translate your ideas into a NURBS based 3D model.

The 2-day workshop will cover Rhino Level 1 basic modeling. In addition to the technical side, the workshop encourages discussions, learning and networking among the participants, and will be tailored to their particular needs.

After introducing the interface and the main operational commands, we will start with a sketch and demonstrate how to accurately model and transform your ideas ready for rendering, animation, and manufacturing.

#### Curriculum:

##### Day 1

- Geometrical concepts: NURBS based modeling.
- Rhino Interface and commands.
- 2D Tools and techniques.
- Surface and Surface Editing Tools.
- Surface manipulation through knots and control points.
- Solids and Solids Editing Tools.

##### Day 2

- File structure: layers, groups, properties.
- Objects creation and transformation.
- Putting it all together:
  - Model a selected orthogonal geometrical object.
  - Model a selected organic object.

Participants are to bring their own laptops for practicing. A demo version of the software will be provided to each participant. Participants will also receive a collection of short tutorial video files, along with pdf tutorials.

Venue: Almajara 2, Dubai Marina . Ph: 055 9836341.

Time: Friday , 22 April 2-6pm  
Sat, 23 April 1-5pm

Fees: Students: 500 AED  
Professionals: 1000 AED

RSVP by email to: [zayad1001@gmail.com](mailto:zayad1001@gmail.com)

#### Instructor Background:

Zayad is an architect and a researcher in the generative design and innovative structures. He has taught at design studios and run various digital design workshops at a number of universities including: Auckland, Sydney, and Al-Ain.