Rhinoceros®

NURBS modeling for Windows

lab_GS + Studio 7
Laboratory of [Gene]rative Systems

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 two 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.

Expected Outcome:
At the end of the workshop, participants are expected to be able to :

- *Navigate comfortably through Rhino interface*
- *Create and edit curves, surfaces and solids*
- *Generate Free form models for rendering, animation, and manufacturing*
- *Use modeling aids for accuracy*
- *Produce simple renderings of the Rhino model*

Curriculum:
Day 1 : Introduction and Basic Modeling
- Geometrical concepts: NURBS based modeling.
- Rhino Interface and commands.
- 2D Tools and techniques.
- File structure: layers, materials, properties.
- Surface creation and Surface Editing Tools.
- Surface manipulation through knots and control points.
Day 2 : Advanced modeling
- Solids and Solids Editing Tools.
- Objects creation and transformation.
- Putting it all together:
  Model a selected orthogonal geometrical object.
  Model a selected organic object(s).

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 PDF tutorials.

Venue: The Conference Room, Al Majara complex, Dubai Marina . Ph: 055 9836341.

Time: Friday   :   5 Oct. 2:00 - 6:00 PM
            Saturday   :   6 Oct. 10:00 - 5:00 PM

Fees: Students   :   1,200 AED
            Professionals :   2,000 AED

RSVP by email to   :   z.motlib@lab-gs.com   / Dsignstudio7@gmail.com

Limited seats only - Early registration recommended

Instructors Background:

Zayad Motlib is an architect and a researcher in emergent technologies of generative design, advanced material systems, and innovative structures. He has taught at various design studios and run design workshops at several universities including Auckland, Sydney, and the UAE.

Muhammed Shameel is an architect, a graduate from Design Research Laboratory program from the A.A School of Architecture, London. He has worked with Zaha Hadid Architects -London during which he has worked on several competition winning and eminent projects around the world.