

# PanelingTools

paneling solution from concept to fabrication



## PanelingTools for Rhino 5 and Grasshopper

PanelingTools helps generate 2D and 3D cellular patterns and populate them over rectangular grids. PanelingTools supports intuitive design of paneling concepts as well as rationalize complex geometry into a format that is suitable for analysis and fabrication.

## Target Audience

This is a comprehensive course that is meant for the design professionals who deal with paneling solutions of simple and complex forms. The course is led by Rajaa Issa, the architect and developer of PanelingTools. It offers an in depth exploration of paneling techniques using PanelingTools for Rhino 5 and Grasshopper. The course is offered online only.

## Schedule

### Block 1-Day 1 [1:45 Hours]

- The PanelingTools interface.
- The paneling process explained.
- Basic 2D paneling workflow.
- Basic 3D paneling workflow.
- [30 min Tutorial 1]: Laser cutting of 3D free-form model.

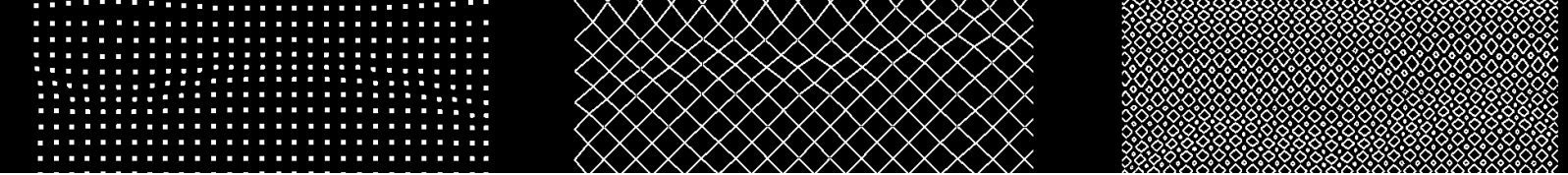
[ 15 minute Questions and Answers (Q&A) ]

[ 15 minute break! ]

### Block 2-Day 1 [1:45 Hours]

- Basic custom 2D paneling.
- Basic custom 3D paneling.
- [30 min Tutorial 2]: Create non-planar patterns.

[ 15 minute Q&A ]



## Block 3-Day 2 [1:45 Hours]

- Explore various grid creation techniques.
- Grid editing and manipulation.
- [30 min Tutorial 3]: Create grid systems for complex forms.

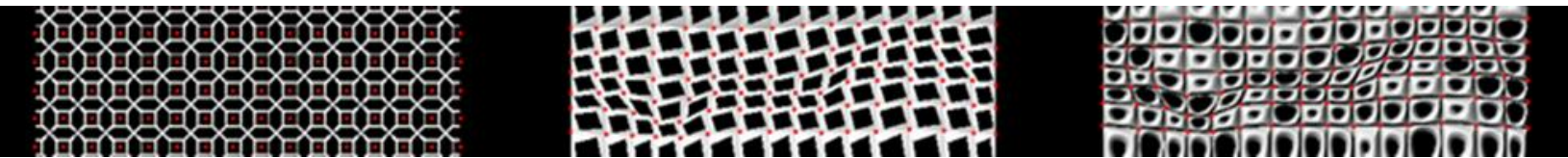
[ 15 minute Q&A ]

[15 minute break! ]

## Block 4-Day 2 [1:45 Hours]

- Advanced custom 2D paneling.
- Advanced custom 3D paneling.
- [30 min Tutorial 4]: 3D printing of panel system.

[ 15 minute Q&A ]



## Block 5-Day 3 [1:45 Hours]

- Parametric modeling overview.
- Parametric paneling workflow.
- PT-GH: components overview.
- [30 min Tutorial 5]: Parametric skin.

[ 15 minute Q&A ]

[15 minute break! ]

## Block 6-Day 3 [1:45 Hours]

- PT-GH: attractors.
- Custom parametric paneling.
- [30 min Tutorial 6]: Smart skin system.

[ 15 minute Q&A ]

