



# Training program

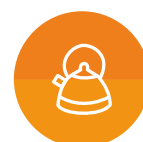
## CAD Kitchens with Render PRO Module

Using the CAD Kitchens program with Render PRO module\*

### Day I

The basics of designing in the CAD Kitchens 7.X environment, designing using ready 3D objects

1. Introductory issues and preparation of the group for training.
2. Basic information about the program.
3. Discussing of function of the project selection window.
4. Analysis of the kitchen design, on the basis of which training will be carried out.
5. Creating a design file.
6. Moving around the design, working with views.
7. Drawing a room sketch and converting the sketch to walls.
8. Editing a drawn room using the "Wall editor".
9. Introduction of wall elements (i.e. basic bevels, standard windows and doors, parametric windows and additions).
10. Discussion of the points of attraction.
11. Drawing two-dimensional shapes with the use of drawing tools.
12. Moving and copying objects in three dimensions.
13. Realization of a simple plasterboard structure with the use of "Additional elements" tool.
14. Techniques of insertion the cabinets.
15. Editing cabinet parameters.
16. Generation and edition of typical worktops.
17. Creating worktops with an unusual shape.
18. Documentation of worktops.
19. The use of the "columns and walls" tool, examples of the use of solids.
20. Generation of slats.
21. Profile editor for finishing slats.
22. The arrangement of finishing slats along the drawn path.
23. Introduction of Household appliances.
24. The use of the "Kitchen elements" function.
25. Valuation of the kitchen and introduction to valuation the cabinets components.
26. Replacement of sets from the working environment.
27. Additional dimensioning.
28. Creating a cabinet with unusual dimensions using the Cabinet Editor.
29. Inserting interior design and editing their parameters.
30. Adding models to the user database using the "Converter" tool.
31. Import and export of user database.
32. Visualization - general information.
33. Working with the Materials module, applying and editing textures.
34. Adding your own textures.
35. The use of a paint module (Sigma, Tikkurila).
36. Using the colours of the kitchen database.
37. Replacement of sets in the visualization.





## Day II

### Visualization: Render PRO and Technical documentation

38. Preparation of the project on the basis of which the training will be implemented.
39. Discussing the settings of light parameters.
40. Discussing of material properties settings (gloss, transparency, reflections, roughness, bump mapping).
41. Performing a basic visualization with a record of the effect in jpg format.
42. Discussion of the functionality of the Render PRO Module with the division into calculations of Radiosity and Path tracing.
43. Making Radiosity calculations.
44. Final Gathering - use.
45. Using the Ray tracing calculation method.
46. Taking a photo in a visualization using Radiosity calculations.
47. Export of visualization to CAD Share-it application and obserVeR application.
48. Functions and recording of the camera path.
49. Presentation of the project in the form of the AVI movie.
50. Path tracing, functional overview, comparison with Radiosity calculations.
51. Making photorealistic visualization, saving photos after Path tracing calculations.
52. Making a photo sphere - panorama 360, publication on social media.
53. Discussion and application of colour tones.
54. Discussion of filters.
55. Making a sequential visualization of several views at the same time.
56. Discussing the documentation window.
57. Generating documentation according to available templates.
58. Discussing the functionality of individual pages.
59. Adding wall projections to generated pages.
60. Supplementing documentation with additional information, loading visualizations.
61. Conversion of objects into symbols.
62. Editing and creating a table.
63. Saving the documentation. Export of documentation to a pdf file.
64. Checking knowledge and questions.

\*The 2-day training is carried out over 12 hours (including half-hour break).  
Courses are organized by CAD Projekt K&A on the terms definite in the training regulations.

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