



CAD Kitchens – I and II level

a detailed program of a 2-day extensive training for CAD Kitchens*

1. Introduction and preparation for the training.
2. Basic information about the program.
3. Overview of features available in the 'Project selection' window.
4. Analysis of the project which will be used during the training.
5. Creation of the new project file.
6. Navigation in the project, using various views.
7. Drawing a sketch and creating the walls on its basis.
8. Editing the drawn interior using the 'Walls editor'.
9. Inserting wall elements (such as basic bevels, standard doors and windows, parametric windows and additions: protrusions, niches and orifices).
10. Creating a plaster-cardboard enclosure using the 'Any elements' tool.
11. Cabinets insertion techniques.
12. Edition of cabinets parameters.
13. Generation and edition of typical worktops.
14. Overview of the worktops documentation.
15. Drawing 2D shapes using various drawing tools
16. Overview of the entity snaps (characteristic points of elements).
17. Creation of worktops in untypical shapes.
18. Using the 'Posts and arc walls' tool, examples of application of different kinds of solids.
19. Generation of cornices and skirting boards.
20. Arranging cornices and skirting boards on a prepared path.
21. Overview of the editor of profiles.
22. Implementation of household appliances.
23. Application of the 'Additional kitchen elements' function.
24. Valuation of a project of a kitchen. Adding components of cabinets to the valuation.
25. Overview of the 'Valuation Manager'.
26. Edition of the 'Price-list'.
27. Generation and edition of the overall project documentation.
28. Additional dimensioning.
29. Edition of kitchen cabinets database.



30. Creating a cabinet of an untypical dimensions using the 'Cabinets Editor'.
31. General information about the visualization mode.
32. Application and edition of textures.
33. Adding your own textures.
34. Using the Tikkurila paints module.
35. Using the colours provided for the kitchen cabinets database.
36. Exchanging sets of kitchen cabinets.
37. Setting the parameters of the light sources.
38. Defining the parameters of halogen lights (intensity, range, angle, style).
39. Generation of a basic visualization and saving the result as a JPG picture file.
40. Using the Professional Rendering Module to achieve an effect of a daylight visualization.
41. Explanation of principles of operation of the 'Radiosity' calculations.
42. Overview of the differences between the basic and advanced light emission.
43. Overview of the scene diagnostics options.
44. Overview of the advanced rendering features.
45. Conducting the 'Radiosity' calculations.
46. Setting the 'Global Illumination' parameters.
47. Overview of the 'Colour tones' function.
48. Explanation of principles of operation of the 'Final Gathering' algorithm.
49. Suggested applications of the 'Raytracing' algorithm.
50. Overview of camera features and recording a path for the video.
51. Presentation of the project in a form of an AVI video.
52. Saving an advanced visualization as a JPG file and comparing with a basic visualization.
53. Preparation of a cutting pattern of the designed kitchen using the CAD Cut program.
54. Knowledge check and your own questions.

*a 2-day training is realized within 12 hours (6 hours per each day, including 1/2 hour lunch break).

Courses are organized by CAD Projekt K&A under the terms and conditions provided in the Trainings Rules and Regulations.