

# Blender 3D – Advanced Techniques

Course code: BLEND2

This course offers a significant extension of knowledge Blender 3D for participants who are already familiar with the basics of using this program. Participants can select themes from the predefined area, those that interest them, and these, according to the time schedule of the course will discuss the desired depth. The course is thus designed primarily due to a huge breadth of options Blender 3D. The course is not just discussing the various functions, but also the procedures and tips on how to use the tools and to manage in practice.

Affiliate	Duration	Course price	ITB
Praha	3	11 700 Kč	0
Brno	3	11 700 Kč	0
Bratislava	3	510 €	0

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
02.12.2024	3	11 700 Kč	Presence	CZ/SK	GOPAS Praha
09.12.2024	3	510 €	Online	CZ/SK	GOPAS Bratislava online
19.02.2025	3	510 €	Online	CZ/SK	GOPAS Bratislava online
24.03.2025	3	11 700 Kč	Presence	CZ/SK	GOPAS Praha
23.04.2025	3	510 €	Presence	CZ/SK	GOPAS Bratislava prezenčne
02.06.2025	3	11 700 Kč	Presence	CZ/SK	GOPAS Praha
09.06.2025	3	510 €	Online	CZ/SK	GOPAS Bratislava online

The prices are without VAT.

## Who is the course for

The course is designed for intermediate users Blender 3D.

## Required skills

Knowledge in the range of the basic course Blender 3D.

## Course outline

Themes that will be the focus during the course:

- Modeling – advanced tools, preparation for 3D printing, for games, film
- Modifiers
- Sculpting
- Texturing, texture painting
- UV editor
- Rigging – building skeletons of the characters and their interconnection with network models
- Animation – characters, objects
- Particle systems
- Simulation of liquids
- Simulation of fire, smoke
- Simulation of Solids
- Cloth simulation
- Hair – combing, rendering

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# Blender 3D – Advanced Techniques

- Advanced materials – skin rendering, volumetric materials
- Fusing textures
- Game engine
- Video editing
- Motion Tracking – tracking cameras from the video, the combination 3D with video
- Scripting

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