

# JavaScript – Advanced Techniques

Course code: INTJS2

The course is intended for everyone who knows the basics of the JavaScript programming language, does not want to discuss the basics such as writing conditions or loops, but wants to quickly learn the important specifics of the language at the ES5 specification level so that they can continue with other courses such as JS\_ES6, JS\_NEXT, JS\_WS, etc. The INTJS course is intended for beginners, while INTJS2 is for moderately experienced developers. There is no continuity between the courses, on the contrary, there is a partial overlap and the target group differs.

Affiliate	Duration	Course price	ITB
Praha	2	7 600 Kč	20
Brno	2	7 000 Kč	20
Bratislava	2	330 €	20

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
13.01.2025	2	7 600 Kč	Presence	CZ/SK	GOPAS Praha
26.05.2025	2	7 600 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

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## What we will teach you

- Supplementing basic knowledge
- Basics of JavaScript as a functional language (Anonymous function, Closure, Self-Invoke function)
- Basics of object programming (object initializer, Constructor Function)
- Work with DOM events

## Required entry skills

- Basic knowledge of HTML and CSS is assumed
- Basic knowledge of programming in any language or course level experience [PRG] is assumed

## Teaching methods

- Expert interpretation with practical examples, exercises on computers.

## Studying materials

- Online presentation of discussed material and exercises.

## Course outline

A brief recap of basic JavaScript topics

- Defer and Async attributes
- Strict mode
- More advanced use of operators

JavaScript as a functional language

### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



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# JavaScript – Advanced Techniques

- Functions as an object
- Function overloading
- Function arguments
- Self-Invoked function
- Closures

## Object programming

- Object initializer
- Design function
- Prototype

## Events

- Classic approach
- Standard access
- Canceling the default event
- Event bubbling

### **GOPAS Praha**

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
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Nové sady 996/25  
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[info@gopas.sk](mailto:info@gopas.sk)



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