

# jQuery Framework

Course code: JS\_JQUERY

This course is designed for anyone who knows the basics of the JavaScript programming language and wants to learn how to effectively program in JavaScript using the jQuery framework. In this course you will learn how to use jQuery functions, use selectors, attributes, filter, search and concatenate results, manipulate DOM, CSS and events, create effects and use jQuery UI.

Affiliate	Duration	Course price	ITB
Praha	3	15 300 Kč	30
Brno	3	15 300 Kč	30
Bratislava	3	612 €	30

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
08.06.2026	3	612 €	Online	CZ/SK	Online
08.06.2026	3	15 300 Kč	Online	CZ/SK	Online
☀ 13.07.2026	3	15 300 Kč	Presence	CZ/SK	GOPAS Praha
18.11.2026	3	15 300 Kč	Presence	CZ/SK	GOPAS Praha

The prices are without VAT.

## What we will teach you

- Utilize the capabilities of the jQuery library
- Use selectors to select elements in an html document
- Use events
- Work with CSS and attributes
- Manipulate the DOM
- Use basic jQuery UI extensions

## Prerequisite skills

- Creating web pages in HTML/XHTML and CSS
- JavaScript fundamentals at JS\_PROG1 course level

## Course outline

### Basics

- What is jQuery
- Compatibility
- Licenses
- Where to find information
- Download jQuery
- How jQuery works
- Data types

### Basic functions

- Functions of jQuery
- Accessing a jQuery object
- Data warehouse

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# jQuery Framework

- Interoperability

## Selectors

- Basic selectors
- Hierarchical selectors
- Basic filters
- Content filters
- Visibility filters
- Attribute filters
- Descendant filters
- Form pseudo-classes
- Form filters

## Events

- Events in jQuery
- Event processing
- Page Load
- Helper methods

## Working with attributes

- Attr and removeAttr
- Class
- Html
- Text
- Value

## CSS

- CSS settings
- Positioning
- Height and width

## DOM Traversal

- Filtering
- Search
- Concatenation

## DOM manipulation

- Changing content
- Inserting into an element
- Inserting outside an element
- Wrapping
- Replacing
- Removing
- Copying

## Effects

- Basic
- Movement
- Translucency
- Other

## Auxiliary Functions

- Browser
- Field and Object
- Functions

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# jQuery Framework

- String

## jQuery UI

- Mouse interaction
- UI Extensions
- Effects

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