MATLAB Basics: Working with the Environment

Course code: HSMATLAB1

You will be introduced to the interactive way of working, which provides quick and easy access to your data.

Affiliate	Duration	Course price	ITB
Praha	1	4 800 Kč	0
Bratislava	1	192 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location
22.09.2025	1	4 800 Kč	Presence	CZ/SK	HUMUSOFT
22.09.2025	1	4 800 Kč	Online	CZ/SK	HUMUSOFT - Online
24.11.2025	1	4 800 Kč	Presence	CZ/SK	HUMUSOFT
24.11.2025	1	4 800 Kč	Online	CZ/SK	HUMUSOFT - Online

The prices are without VAT.

Who is the course for

Intended for everyone who is starting to work with the MATLAB environment.

What we teach you

You will learn how to work with the basic tools of the MATLAB environment. You will learn how to use your data in the form of variables, how to perform calculations using built-in functions, and how to plot them in graphs. You will become familiar with tools that will help you load data into the MATLAB environment and save them back to files. You will also learn how to write your calculations into computational scripts, how to run them, and how to use them to obtain both numerical and graphical outputs.

Required skills

- No prior knowledge of MATLAB is required.

Teaching materials

- Printed lecture in Czech/Slovak language, certificate of completion.

Course outline

- Working in the MATLAB user interface
- Introduction to the MATLAB language, basic functions, and commands
- Entering commands and working with variables
- Analysis of vectors and matrices
- Visualization of vector and matrix data
- Loading and saving data
- Working with tabular data
- Combining commands into scripts and working with the MATLAB Editor

GOPAS®