

# Microsoft Access – Application Development

Course code: MSAC2a

The course is intended for everyone who wants to acquire knowledge and skills in programming and designing database applications in the Microsoft Access environment. Course participants are required to know about programming in Microsoft Visual Basic (viz. recommended prior courses).

Affiliate	Duration	Course price	ITB
Praha	5	20 000 Kč	0
Brno	5	20 000 Kč	0
Bratislava	5	900 €	0

The prices are without VAT.

## Course terms

Date	Duration	Course price	Type	Course language	Location
------	----------	--------------	------	-----------------	----------

The prices are without VAT.

### Who is the course for

The course is intended for developers who want to programme in Microsoft Access.

### What we teach you

Fundamentals of the language of macros

Using the Microsoft Access object model

Using an ADO library (ActiveX Data Objects)

Making a database secure

User-level knowledge of Microsoft Access

Basic Microsoft Visual Basic 6.0 programming skills

- Programming in Microsoft Access
- Creating macros
- Conditional macros
- Shortuc keys

Visual Basic Fundamentals

- Variables
- Data Types
- Command for controlling program execution
- Functions and procedures
- Using Dialogs
- Error Handling

Microsoft Access Object Model

- Object fundamentals
- Properties, methods and Events
- Object browser
- Collections
- Forms, Reports collections
- All collections

#### GOPAS Praha

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved

# Microsoft Access – Application Development

## Microsoft Office Object Model

- FileSearch Object
- Assistant Object
- CommandBars Object

## ActiveX Data Objects

- Architecture overview
- Library installation
- Setting References

## Connection Object

- Setting ConnectionString
- Opening connections
- Using Transactions

## Recordset Object

- Opening Recordset
- Using cursors
- Updating Recordset
- Filtering
- Searching
- Sorting

## Command Object

- Setting command parameters
- Executing command
- Acquiring resultset

## Security

- Securiing Access database
- Encrypting database

### **GOPAS Praha**

Na Strži 2097/63  
140 00 Praha 4 - Krč  
Tel.: +420 226 201 390  
[info@gopas.cz](mailto:info@gopas.cz)

### **GOPAS Brno**

Nové sady 996/25  
602 00 Brno  
Tel.: +420 530 513 590  
[info@gopas.cz](mailto:info@gopas.cz)

### **GOPAS Bratislava**

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 902 903 132  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2026 GOPAS, a.s.,  
All rights reserved