

KOENIG SOLUTIONS • COURSE OUTLINE

Microsoft Visio with VBA

Learn to build Visio diagrams and automate them with VBA, from macro basics to custom user forms.

2 Days

DURATION

6

MODULES

20

TOPICS

COURSE OVERVIEW

Microsoft Visio is a powerful diagramming tool that enables users to create a wide range of visual representations, including flowcharts, network diagrams, organization charts, and many more. With the help of macros, users can automate tasks and add interactivity to their Visio diagrams. Here's a possible course content for Visio with Macro:

WHO THIS COURSE IS FOR

Diagram Designers

Business Analysts

VBA Developers

Process Engineers

Office Automation Specialists

LEARNING OBJECTIVES

- Describe Visio features and the benefits of macros
- Create shapes, connectors and stencils in diagrams
- Organise diagrams using layers and formatting
- Explain the VBA environment and macro recorder
- Apply variables, conditional statements and loops in VBA
- Manipulate Visio objects and handle events programmatically
- Build user forms for interactive diagrams
- Debug macros and manage macro security

6 Modules, 20 Topics

01

Introduction to Visio and Macro

TOPICS

- Overview of Visio and its features
- Introduction to macros and their benefits in Visio

02

Creating Basic Visio Diagrams

TOPICS

Creating simple shapes and connectors · Working with stencils · Adding text and formatting shapes · Using layers to organize diagrams

03

Introduction to VBA in Visio

TOPICS

Understanding the VBA environment · Creating, editing, and running macros · Using the Macro Recorder to automate tasks

04

Basic VBA Programming in Visio

TOPICS

- Understanding variables, data types, and procedures
- Working with conditional statements
- Using loops to iterate through collections

05

Advanced VBA Programming in Visio

TOPICS

Manipulating Visio objects programmatically · Handling events and using event procedures · Creating user forms for interactivity · Working with external data sources

06

Best Practices and Tips

TOPICS

- Debugging and error handling
- Managing macro security
- Tips for optimizing macro performance
- Using the Visio SDK to extend Visio's capabilities

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Hands-on exercises throughout the course
- Delivery by certified instructors and subject matter experts
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

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