



MICROSOFT TRAINING

Outsystems Development Courses

Develop robust web and mobile applications faster with Outsystems. Master low-code principles and accelerate your career.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intermediate-level Outsystems Development course empowers IT professionals and aspiring developers to master rapid application development using the leading low-code platform. Participants will delve into the core principles of the Outsystems platform, learning how to quickly design, build, and deploy robust web and mobile applications that meet modern business demands. The course emphasizes practical, hands-on experience in leveraging Outsystems' visual development environment to accelerate digital transformation initiatives and streamline operational processes.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Foundations of OutSystems Development

- Introduction to the OutSystems Platform and Low-Code Paradigm
- Navigating Service Studio and OutSystems UI Framework
- Understanding Data Models and Entities
- Building Your First Reactive Web Application
- Debugging and Troubleshooting Basic Applications

02 Module 2: Developing Advanced Web Applications

- Advanced Data Modeling and Relationships
- Designing Dynamic User Interfaces with Widgets and Themes
- Implementing Complex Server-Side and Client-Side Logic
- Working with Aggregates and Advanced SQL Queries
- User Management, Roles, and Permissions

03 Module 3: Mobile Application Development

- Reactive Web vs. Mobile App Development Considerations
- Optimizing UI/UX for Mobile Devices
- Implementing Offline Capabilities and Data Synchronization
- Integrating Native Device Plugins and Sensors
- Publishing and Distributing Mobile Applications

04 Module 4: Integrations and Business Process Technology (BPT)

- Consuming and Exposing RESTful Web Services
- Integrating with External Databases and Systems
- Introduction to Business Process Technology (BPT)
- Designing and Implementing Workflows with BPT
- Error Handling and Exception Management in Integrations

05 Module 5: Deployment, Performance, and Best Practices

- Application Lifecycle Management (ALM) in OutSystems
- Deployment Strategies and Environment Management
- Performance Monitoring and Optimization Techniques
- Security Best Practices in OutSystems Development
- Architectural Patterns and Coding Standards

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **OutSystems Low-Code Developer**
- > **OutSystems Solution Architect**
- > **Enterprise Application Integration Specialist**

FREQUENTLY ASKED QUESTIONS

Q: What foundational programming experience is recommended for participants to benefit most from this Outsystems Development course?

While Outsystems is a low-code platform, a basic understanding of programming logic, database concepts (like SQL), and web technologies (HTML, CSS, JavaScript) will significantly enhance your learning experience and ability to grasp advanced concepts. This course is designed to empower individuals with varying backgrounds, but prior exposure to these areas provides a strong foundation.

Q: How does completing this particular Outsystems Development course prepare me for official Outsystems Associate Developer certification?

This Outsystems Development course is meticulously designed to cover the core concepts and practical skills required for the Outsystems Associate Developer certification. You will gain hands-on experience in building reactive web and mobile applications, managing data models, implementing business logic, and integrating with external systems – all essential topics for the certification exam. While the course provides comprehensive knowledge, consistent practice and self-study are key to passing the official certification.

Q: Beyond basic applications, what types of advanced business solutions will I be equipped to build or contribute to using Outsystems after completing this training?

Upon completion of this intermediate-level course, you will be proficient in building scalable, real-world business solutions such as customized CRM portals, enterprise resource planning (ERP) extensions, field service applications, internal operational dashboards, and complex data-driven systems. You will also understand how to effectively integrate these applications with existing legacy systems, enabling comprehensive digital transformation within an organization.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

10,000+

50+

Years of Excellence

Professionals Trained

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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