



MICROSOFT TRAINING

Azure Devops Tools

Master Azure DevOps tools to streamline software delivery and implement robust CI/CD pipelines.

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 'Azure DevOps Tools' course provides a focused yet comprehensive overview of Microsoft's powerful suite for modern software development. In just two hours, participants will gain practical insights into leveraging Azure Boards for agile project planning, mastering Azure Repos for robust version control, and implementing Azure Pipelines for seamless Continuous Integration and Continuous Delivery (CI/CD). You'll learn how these tools integrate to streamline the entire development lifecycle, from ideation and coding to testing and deployment. Embrace a more efficient, collaborative, and automated approach to software delivery, reducing manual effort and accelerating time-to-market. This course is meticulously designed for IT professionals seeking to enhance their proficiency in DevOps practices using the Azure ecosystem. By understanding how to effectively utilize Azure DevOps Tools, you will be equipped to contribute significantly to projects demanding agility, scalability, and high-quality software releases. Elevate your skills to drive innovation and optimize workflows within any development team, positioning yourself as a key asset in today's fast-paced tech landscape.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Azure DevOps & Core Concepts

- What is Azure DevOps and its benefits?
- Overview of Azure DevOps Services (Boards, Repos, Pipelines, Test Plans, Artifacts)
- Navigating the Azure DevOps Portal and Project Setup
- Understanding Organizations, Projects, and Teams

02 Module 2: Collaborative Development with Azure Repos & Boards

- Version Control with Git in Azure Repos
- Branching Strategies, Pull Requests, and Code Reviews
- Agile Planning with Azure Boards (Work Items, Sprints, Backlogs)
- Integrating Boards with Repos for seamless workflow tracking

03 Module 3: Continuous Integration (CI) with Azure Pipelines

- Introduction to CI/CD Principles and Workflow Automation
- Creating a Build Pipeline (YAML vs. Classic Editor)
- Understanding Build Agents, Tasks, and Triggers
- Integrating Automated Tests into the Build Process

04 Module 4: Continuous Delivery (CD) & Release Management

- Fundamentals of Release Pipelines for Automated Deployments
- Defining Stages, Environments, and Approval Gates
- Implementing Continuous Deployment to various targets
- Monitoring and Reporting in Azure Pipelines

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure DevOps Engineer**
- > **Release Manager/Engineer**
- > **Cloud Solutions Architect (with DevOps specialization)**

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I gain that are immediately applicable to my job as a developer or operations professional?

This course will equip you with the practical skills to set up and manage version control with Git in Azure Repos, plan and track work items using Azure Boards, and automate your build and release processes with Azure Pipelines. You'll learn to streamline collaboration, reduce manual errors, and accelerate software delivery, making you more efficient in either a development or an operations role.

Q: Are there any prerequisites or prior experience required to benefit from this intermediate Azure DevOps Tools course?

While this is an intermediate course, a basic understanding of software development lifecycles, version control concepts (like Git), and general cloud computing principles (preferably Azure) will be beneficial. No prior in-depth Azure DevOps experience is strictly required, as the course focuses on practical tool usage and integration.

Q: How does mastering Azure DevOps Tools, particularly in a 2-hour overview, impact my career trajectory in modern IT environments?

Even in a concise 2-hour format, gaining a strong overview of Azure DevOps Tools significantly boosts your value by demonstrating proficiency in industry-leading CI/CD and agile methodologies. It positions you for roles like DevOps Engineer, Release Manager, or Cloud Solutions Architect, as you'll be able to articulate and implement more efficient development and deployment strategies within your organization or for future employers.

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+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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