

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Automate Your Workflow with GitHub Actions

GH-200T00

Official Microsoft Learn course focused on planning and implementing workflow automation with GitHub Actions for modern software delivery.

Software Dev

Intermediate

GitHub

DURATION
1 day

LEVEL
Intermediate

FORMAT
Virtual, On-site, or Hybrid

CERTIFICATION
GitHub Actions

AUDIENCE PROFILE

Built for these roles

This course is intended for students who want to use GitHub to help developers and DevOps engineers build and deploy applications quickly. Additionally, students will discover which GitHub Actions features are available for their enterprise instance and learn how to use them.

OVERVIEW

Executive overview

Learn how GitHub Actions enables you to automate your software development cycle. You'll learn how to plan automation of your software development life cycle with GitHub Actions workflows, use GitHub Actions to automatically build an application, and use GitHub Script to interact with the GitHub API.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Design automation workflows with GitHub Actions
- Implement build and release workflow pipelines
- Use GitHub Script and API-driven automation
- Improve delivery consistency through repeatable workflow design

ENTERPRISE CUSTOMIZATION





Enterprise customization

Tailor this program to your organization's priorities: Improves engineering throughput and delivery reliability by helping teams automate software workflows with GitHub Actions across build, test, and deployment pipelines.

Customization options

- Align workflows to your application stack and deployment model
- Add governance and enterprise repository practices
- Extend into security and reusable workflow design

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CURRICULUM

Curriculum roadmap

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MODULE 1

Automate your workflow with GitHub Actions Part 1 of 2

Learn how GitHub Actions enables you to automate your software development cycle.

- Automate development tasks by using GitHub Actions
- Build continuous integration workflows by using GitHub Actions
- Build and deploy applications to Azure by using GitHub Actions
- Automate GitHub by using GitHub Script

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MODULE 2

Automate your workflow with GitHub Actions Part 2 of 2

This is part two of a GitHub Action Learning Path. Learn how GitHub Actions enables you to automate your software development cycle.

- Leverage GitHub Actions to publish to GitHub Packages
- Create and publish custom GitHub actions
- Manage GitHub Actions in the enterprise

PRIVATE DELIVERY

Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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