

MICROSOFT OFFICIAL CURRICULUM

Microsoft

# GitHub Copilot

GH-300

Candidates for this certification should possess expertise in using GitHub Copilot to improve software development productivity, quality, and security.

Software Dev

Intermediate

Github

DURATION

1 day

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

GitHub Copilot

AUDIENCE PROFILE

## Built for these roles

- AI Developers and Engineers: Professionals involved in creating and deploying AI systems who need to understand the ethical implications and governance frameworks. - Data Scientists and Analysts: Individuals who work with data and AI models, focusing on ensuring transparency, fairness, and accountability in their work. - Business Leaders and Managers: Decision-makers who oversee AI projects and need to implement responsible AI practices within their organizations. - Policy Makers and Regulators: Those responsible for creating policies and regulations around AI usage, ensuring that AI systems are developed and used ethically and safely.

OVERVIEW

## Executive overview

This course explores the use of AI in the context of GitHub Copilot, a generative AI tool for developers. It equips users with the knowledge and skills to use Copilot effectively while mitigating potential ethical and operational risks associated with AI usage.

PROGRAM OUTCOMES

## Capabilities your teams will gain

- Use GitHub Copilot responsibly
- Use GitHub Copilot features
- GitHub Copilot features
- Understand GitHub Copilot data and architecture

TRAINING PROVIDER

**VNode ITeS**

MICROSOFT CERTIFIED TRAINER

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## ENTERPRISE CUSTOMIZATION

### Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for GitHub Copilot using the official Microsoft Learn skill outline.

#### Customization options

- Align labs to your Microsoft tenant and workload scenarios
- Add readiness checks and exam preparation reviews
- Extend delivery with role-specific implementation workshops

## CURRICULUM

### Curriculum roadmap

1

#### MODULE 1

### GitHub Copilot Fundamentals Part 1 of 2

Empower individual developers and businesses to enhance their productivity and foster innovation through a comprehensive exploration of the fundamental concepts of GitHub Copilot. Additionally, gain valuable insights on how to initiate the implementation of GitHub Copilot within your organization, enabling you to kickstart your own transformative journey. This learning path is split into two and this is part one of two.

- Responsible AI with GitHub Copilot
- Introduction to GitHub Copilot
- Introduction to prompt engineering with GitHub Copilot
- Introduction to Copilot Spaces
- Using advanced GitHub Copilot features
- GitHub Copilot Across Environments: IDE, Chat, GitHub.com, Command Line Techniques, and the GitHub Copilot App
- Management and customization considerations with GitHub Copilot
- Developer use cases for AI with GitHub Copilot
- Develop unit tests using GitHub Copilot tools

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#### MODULE 2

### GitHub Copilot Fundamentals Part 2 of 2

Empower individual developers and businesses to enhance their productivity and foster innovation through a comprehensive exploration of the fundamental concepts of GitHub Copilot. Additionally, gain valuable insights on how to initiate the implementation of GitHub Copilot within your organization, enabling you to kickstart your own transformative journey.

- Building applications with GitHub Copilot agent mode
- Accelerate development with GitHub Copilot Cloud Agent
- Introduction to MCP Server
- Leveling up code reviews and pull requests with GitHub Copilot
- Using GitHub Copilot with JavaScript
- Using GitHub Copilot with Python

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**Enterprise Training Programs**  
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PROGRAM BRIEF

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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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