

## PROFESSIONAL COURSE OUTLINE

Microsoft

# Accelerate AI-assisted development by using GitHub Copilot

Program aligned

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to Accelerate app development by using GitHub Copilot.

Candidates for this credential should have familiarity with Visual Studio Code and GitHub, and should have experience developing apps by using C#.

Software Dev

Intermediate

Github

Applied Skill

## PROGRAM CODE

Program aligned

## DELIVERY

Virtual, On-site, or Hybrid

## DURATION

Applied skill assessment

## CERTIFICATION

Microsoft Applied Skills credential

## AUDIENCE PROFILE

## Who This Program Is For

Built for Developer learners validating applied skill in Github.

## PROGRAM SUMMARY

## What This Course Covers

To earn this Microsoft Applied Skills credential, learners demonstrate the ability to Accelerate app development by using GitHub Copilot.

## TAILORED DELIVERY

## Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

### Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

## COMPLETE MODULE SEQUENCE

## Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



### Plan the next session

We can tune this outline around your delivery goals and team mix.

## TALK TO US

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## MODULE 1

**Get started with AI-assisted development**

Learn how to use GitHub Copilot in a Visual Studio Code environment. This training covers code analysis, inline and project documentation, app development, unit testing, code refactoring, and provides an introduction to vibe coding. AZ-2007

- Get started with GitHub Copilot
- Generate documentation using GitHub Copilot tools
- Develop code features using GitHub Copilot tools
- Develop unit tests using GitHub Copilot tools
- Implement code improvements using GitHub Copilot tools
- Introduction to vibe coding

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