

# GitHub CoPilot + Actions Bootcamp

**Price:** 1895

**Duration:** 2 days

**Delivery Methods:** Virtual

## Overview

### About this Course

This course introduces students to GitHub and GitHub Copilot, emphasizing how these tools work in tandem to streamline software development. The course starts with foundational topics like Git basics, repository management, and branching strategies. As the training progresses, students will configure GitHub Copilot within Visual Studio Code (VS Code) and explore how to utilize Copilot for code generation, debugging, and automating repetitive tasks.

The course also covers essential collaboration practices, including pull requests, code reviews, and GitHub Actions for CI/CD workflows. By the end of the course, participants will confidently integrate GitHub and GitHub Copilot into their development workflows, using best practices for secure and efficient software delivery.

Review this course online at <https://www.alta3.com/courses/ghc>

### Audience Profile

- Software Developers
- DevOps Engineers
- Team Leads and Project Managers
- QA Engineers

### At Course Completion

- Master Git fundamentals and repository management on GitHub.
- Configure GitHub Copilot within VS Code for efficient development.

- Leverage AI-powered suggestions to generate and debug code.
- Establish best practices for collaboration using GitHub workflows.
- Automate CI/CD pipelines using GitHub Actions.
- Address security and licensing concerns related to Copilot.

## Outline

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Git & GitHub Fundamentals

GitHub Copilot Configuration

Leveraging Copilot's Features

Advanced GitHub Workflows

Project-Based Collaboration

## Prerequisites

- A GitHub Copilot Account
- Programming Experience

## Course Schedule

Date	Time	Price	Options
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## Why Professionals Choose TOPTALENT?

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For questions

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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

**What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

**What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.