

Introduction to GitHub for Developers

(TTDV7551)

Price: 1995

Duration: 2 days

Delivery Methods: Virtual

Overview

Introduction to GitHub for Developers is a fast-paced hands-on course that provides students with a solid overview of Git and GitHub the web-based version control repository hosting service. While the examples in this class are related to computer code, GitHub can be used for other content. It offers the complete distributed version control and source code management (SCM) functionality of Git as well as adding its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, and wikis for every project.

Audience Profile

This class assumes some prior experience with Git, plus basic coding or programming knowledge.

At Course Completion

This course is approximately 50% hands-on lab to lecture ratio, combining engaging expert lessons, demos and group discussions with real-world, skills-focused machine-based labs and exercises. Working in a hands-on learning environment led by our expert team, students will explore:

- Getting Started with Collaboration
- Understanding the GitHub Flow
- Branching with Git

- Local Git Configuration
- Working Locally with Git
- Collaborating on Your Code
- Merging Pull Requests
- Viewing Local Project History
- Streaming Your Workflow with Aliases
- Workflow Review Project: GitHub Games
- Resolving Merge Conflicts
- Working with Multiple Conflicts
- Searching for Events in Your Code
- Reverting Commits
- Helpful Git Commands
- Viewing Local Changes
- Creating a New Local Repository
- Fixing Commit Mistakes
- Rewriting History with Git Reset
- Merge Strategies: Rebase
- Understanding GitHub Actions
- Working with Workflows
- Managing Jobs and Steps within a Workflow
- Dealing with complex Workflows

Outline

1. Getting Started with Collaboration

2. Understanding the GitHub Flow
3. Branching with Git
4. Local Git Configuration
5. Working Locally with Git
6. Collaborating on Your Code
7. Merging Pull Requests
8. Viewing Local Project History
9. Streaming Your Workflow with Aliases
10. Workflow Review Project: GitHub Games
11. Resolving Merge Conflicts
12. Working with Multiple Conflicts
13. Searching for Events in Your Code
15. Helpful Git Commands
16. Viewing Local Changes
17. Creating a New Local Repository
18. Fixing Commit Mistakes
19. Rewriting History with Git Reset
20. Getting it Back
21. Merge Strategies: Rebase
22. GitHub Actions
23. Complex Workflows

Prerequisites

Attending students should have skills equivalent to those in the course(s) listed below or attend as a pre-requisite:

Course Schedule

Date	Time	Price	Options
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FAQ

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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 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.