

Course : GitHub Foundations (Microsoft GH-900)

Official GH-900 Course: Exam Preparation

Practical course - 2d - 14h00 - Ref. GH9

Price : 1590 € E.T.

NEW

In this course, you'll learn the basics of GitHub and its key features, such as managing repositories, commits, branches, and merges. You'll understand how to use GitHub as a collaborative tool and will be ready to contribute effectively to projects.

Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Understanding the basic features of GitHub (repositories, commits, branches)
- ✓ Learn how to manage a repository and track changes
- ✓ Mastering the GitHub Flow (branches, pull requests)
- ✓ Use GitHub's collaboration tools (issues, discussions, notifications)
- ✓ Be able to contribute to projects and collaborate effectively

Intended audience

Anyone who wants to understand best practices and the essential features of GitHub for effective collaboration.

Prerequisites

Basic computer skills, a basic understanding of software development (basic knowledge of code and software), and the ability to read and write in English.

Practical details

Teaching methods

The training is conducted in French. Official course materials are available in digital format and in English.

Course schedule

PARTICIPANTS

Anyone who wants to understand best practices and the essential features of GitHub for effective collaboration.

PREREQUISITES

Basic computer skills, a basic understanding of software development (basic knowledge of code and software), and the ability to read and write in English.

TRAINER QUALIFICATIONS

The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

ASSESSMENT TERMS

Assessment of targeted skills prior to training.

Assessment by the participant, at the end of the training course, of the skills acquired during the training course.

Validation by the trainer of the participant's learning outcomes, specifying the tools used: multiple-choice questions, role-playing exercises, etc.

At the end of each training course, ITTCERT provides participants with a course evaluation questionnaire, which is then analysed by our teaching teams. Participants also complete an official evaluation of the publisher.

An attendance sheet for each half-day of attendance is provided at the end of the training course, along with a certificate of completion if the participant has attended the entire session.

1 GitHub Fundamentals (Part 1 of 2)

- Introduction to Git.
- Introduction to GitHub.
- Introduction to GitHub Products.
- Set up code analysis on GitHub.
- Introducing GitHub Copilot.
- Coding with GitHub Codespaces.
- Manage your work with GitHub Projects.
- Communicate Effectively on GitHub Using Markdown.

2 GitHub Fundamentals (Part 2 of 2)

- Contribute to an open-source project on GitHub.
- Managing an InnerSource program with GitHub.
- Maintain a secure repository using GitHub best practices.
- Introduction to GitHub Administration.
- Authenticate and authorize user identities on GitHub.
- Manage repository changes using pull requests.
- Search and organize a repository's history on GitHub.
- Using GitHub Copilot with Python.

TEACHING AIDS AND TECHNICAL RESOURCES

The teaching resources used are the publisher's official materials and practical exercises.

TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training course.

ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you have specific accessibility requirements? Contact Ms FOSSE, disability advisor, at the following address: psh-accueil@orsys.fr so that we can assess your request and its feasibility.

Options

Certification : 140 € H.T.

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