

# Course : GitHub Fundamentals - Administration Basics and Product Features (Microsoft GH-100)

Official GH-100 Course: Exam Preparation

*Practical course - 1d - 7h00 - Ref. GHF*  
*Price : 850 € E.T.*

NEW

In this course, you'll learn the basics of GitHub and gain a better understanding of its key features through a hands-on exercise conducted directly in a GitHub repository. You'll also learn best practices for creating, hosting, and maintaining a secure repository on GitHub.

## Teaching objectives

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

- ✓ Understanding the Basic Features of GitHub
- ✓ Know how to manage a repository (branches, commits, pull requests)
- ✓ Explore the collaboration features (issues, discussions)
- ✓ Manage GitHub Notifications and Subscriptions
- ✓ Implement Best Security Practices for a Warehouse

## Intended audience

Anyone who wants to understand GitHub best practices and master its key features, repository management, and collaboration tools.

Participants must have an active GitHub Copilot subscription for a personal GitHub account or a GitHub account managed by an organization or company.

## Prerequisites

An active GitHub Copilot subscription is required for a personal GitHub account or a GitHub account managed by an organization or company.

No prior experience is required, but a good understanding of written English is necessary to follow the course content and materials.

## PARTICIPANTS

Anyone who wants to understand GitHub best practices and master its key features, repository management, and collaboration tools.

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## 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.

## Practical details

### Teaching methods

The training session will be conducted in French. Official course materials are available in digital format and in English.

## Course schedule

### 1 Basics of Administration and Product Overview (Part 1 of 2)

- Introduction to GitHub.
- An Overview of GitHub Administration.
- Introduction to GitHub Products.
- Manage a secure repository using GitHub best practices.

### 2 Administration Basics and Product Features (Part 2 of 2)

- Manage sensitive data and security policies on GitHub.
- Authenticate and authorize user identities on GitHub.
- GitHub Administration for Enterprise Support and Adoption.
- Managing GitHub Actions in an Enterprise Setting.
- Use GitHub Actions to publish to GitHub Packages.

## Options

**Certification : 140 € H.T.**

### 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.

### 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](mailto:psh-accueil@orsys.fr) so that we can assess your request and its feasibility.

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