

PROFESSIONAL COURSE OUTLINE

Microsoft

GitHub Administration

GH-100

In this course, you'll learn the basics of GitHub and gain a better understanding of its fundamental features with a hands-on exercise all within a GitHub repository. You'll learn best practices for building, hosting, and maintaining a secure repository on GitHub.

Software Dev

Intermediate

Github

PROGRAM CODE

GH-100

DELIVERY

Virtual, On-site, or Hybrid

DURATION

1 day

CERTIFICATION

GitHub Administration

AUDIENCE PROFILE

Who This Program Is For

This course is intended for students who want to understand and GitHub best practices. You will understand the fundamental features of GitHub, learn about repository management, gain an understanding of the GitHub flow, including branches, commits, and pull requests. Additionally, you will explore the collaborative features of GitHub by reviewing issues and discussions and be able to manage your GitHub notifications and subscriptions.

PROGRAM SUMMARY

What This Course Covers

Candidates for this exam should have experience administering GitHub Enterprise environments, including user identity and access management, GitHub Actions, enterprise-level governance, and the administration of features that support secure software development (such as GitHub Advanced Security).

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

GitHub fundamentals - Administration basics and product features Part 1 of 2

In this learning path, learn the basics of GitHub administration and discover the products that GitHub offers. This is the first learning path in a two part series.

- Introduction to GitHub
- Introduction to GitHub administration
- Introduction to GitHub's products
- Maintain a secure repository by using GitHub best practices

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MODULE 2

GitHub fundamentals - Administration basics and product features Part 2 of 2

In this learning path, learn the basics of GitHub administration and discover the products that GitHub offers. This is the second learning path in a two part series.

- Manage sensitive data and security policies within GitHub
- Authenticate and authorize user identities on GitHub
- GitHub administration for enterprise support and adoption
- Manage GitHub Actions in the enterprise
- Leverage GitHub Actions to publish to GitHub Packages

**Plan the next session**

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