Google Cloud Cybersecurity Certificate Overview

Hello and welcome to the Google Cloud Cybersecurity Certificate Program! In this program, you'll explore the growing field of cloud cybersecurity. You'll configure cloud resources, apply security controls, and check for compliance with regulations and standards. You'll learn how to help find and fix vulnerabilities, detect and respond to incidents, and document your team's processes. You'll also get hands-on experience with cloud security tools like Google's Cloud Shell and Security Command Center.

Enter a growing field

The field of cloud cybersecurity is growing and changing quickly as more and more organizations move their IT infrastructure to the cloud. With more people using the cloud, there are more chances for bad actors to harm cloud assets or steal data. Organizations need cloud security analysts who can help protect their important information now more than ever.

Throughout this program, you'll learn the basics of cloud computing, apply the security concepts you already know to cloud environments, and learn the unique security frameworks and standards used to secure cloud resources and data. You'll also explore concepts and scenarios to learn what an entry-level cloud security analyst needs to know to thrive in the cloud security profession.

By the end of this program, you'll understand how to identify and manage risks using standards and frameworks, how to help secure cloud-based resources to protect sensitive information, and how to identify and respond to unusual activity with logging and monitoring tools.

Google Cloud Cybersecurity Certificate courses

The Google Cloud Cybersecurity Certificate has five courses that focus and build on core concepts related to a cloud security analyst's daily work. You'll also apply what you've learned in each course in a capstone project that can be used to showcase your understanding of cloud cybersecurity concepts. Introduction to Security Principles in Cloud Computing is the first course in the series.

The courses of the program include:

1. Introduction to Security Principles in Cloud Computing

2. Strategies for Cloud Security Risk Management

3. Cloud Security Risks: Identify and Protect Against Threats

4. Detect, Respond, and Recover from Cloud Cybersecurity Attacks

5. Put It Together: Prepare for a Cloud Security Analyst Job

| Introduction to Security Principles in Cloud Computing | Strategies for Cloud Security Risk Management | Cloud Security Risks: Identify and Protect Against Threats | Detect, Respond, and Recover from Cloud Cybersecurity Attacks | Put It Together: Prepare for a Cloud Security Analyst Job |
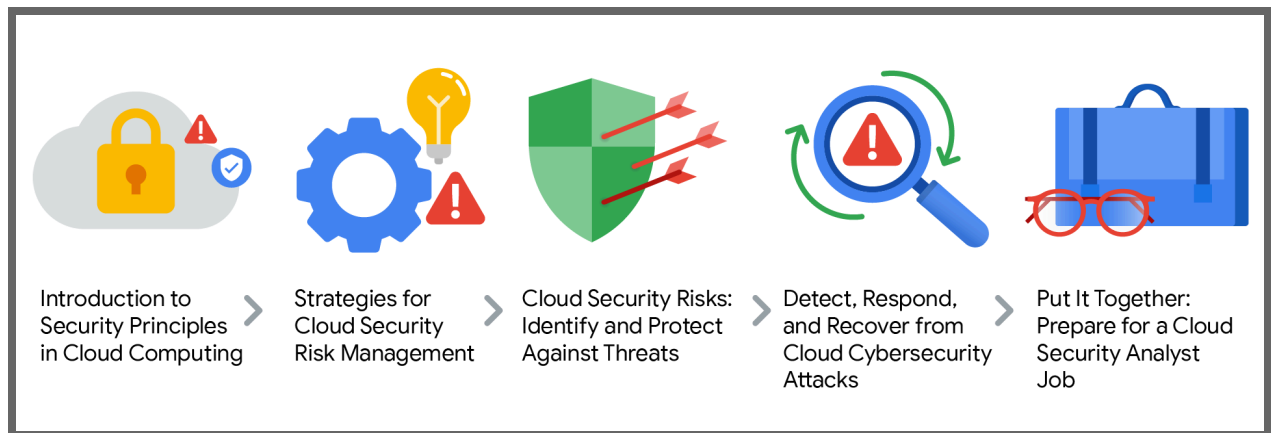
Benefits for job seekers

After completing all five courses, Google Cloud Cybersecurity Certificate graduates have access to job search resources, courtesy of Google. You'll also have the opportunity to:

- Search and apply for open roles at Google Cloud Affiliate Employers in the US.
- Help improve your interview technique with Interview Warmup, a tool built by Google with certificate graduates in mind. Access cybersecurity-specific practice questions, transcripts of your responses, and automatic insights that help you grow your skills and confidence.
- Claim your Google Cloud Cybersecurity Certificate badge, and share your achievement on LinkedIn® professional networking services to stand out among other candidates to potential employers.

Congratulations on taking this step to build your skills for a career in cloud cybersecurity. Enjoy the journey!