


Training

# « Google Cybersecurity Professional Certificate »



With ADEM, prepare for a new career in the high-growth field of cybersecurity.

Google Career Certificate Courses are designed to prepare you for an entry-level role in occupational fields like IT support, data analytics, project management, UX design, IT Automation with Python, Digital Marketing & E-Commerce, Business Intelligence as well as Cybersecurity.

## Training content

During the 8 courses in this certificate program, you will learn from cybersecurity experts at Google and gain in-demand skills that prepare you for entry-level roles like cybersecurity analyst, security operations center (SOC) analyst, and more.

### What you will learn?

- Understand the importance of cybersecurity practices and their impact for organizations.
- Gain hands-on experience with Python, Linux, and SQL.
- Protect networks, devices, people and data from unauthorized access and cyberattacks using Security Information and Event Management (SIEM) tools.
- Identify common risks, threats, and vulnerabilities, as well as techniques to mitigate them.
- Each course includes portfolio activities through which you will showcase examples of cybersecurity skills that you can share with potential employers.

### This professional certificate comprises 8 courses (170 hours):

1. Foundations of Cybersecurity
2. Play It Safe: Manage Security Risks
3. Connect and Protect: Networks and Network Security
4. Tools of the Trade: Linux and SQL
5. Assets, Threats, and Vulnerabilities
6. Sound the Alarm: Detection and Response
7. Automate Cybersecurity Tasks with Python
8. Put It to Work: Prepare for Cybersecurity Jobs

## Target group

Jobseekers registered with ADEM seeking to enter a career as a cybersecurity analyst, security analyst security operations center (SOC) analyst and more.




## Qualifications required:

**Diploma:** Bachelor degree in Computer Science or any other relevant experiences are required

**Language skills:** Good knowledge of English (reading, speaking, writing)

**Other:**

- Be motivated
- Excellent analytical skills
- An interest in data protection and risk management
- Being available for an intensive online training course, being flexible as well as being used to fix and respect deadlines

 DURATION	6 months
 PLACE OF TRAINING	100% online training
 INTERESTED ?	Interested? Please ask your personal ADEM counsellor or contact <a href="mailto:employeur-ict@adem.etat.lu">employeur-ict@adem.etat.lu</a>

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