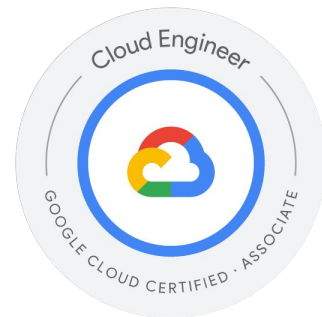Google Cloud

Google Cloud Certification Journey
Associate Cloud Engineer

Cohort start date - September 27, 2022

Group: ACE03-GETCERTIFIED/2022.09.27
Trainer: Łukasz Boduch
Cohort Coordinator: Jacek Makowski
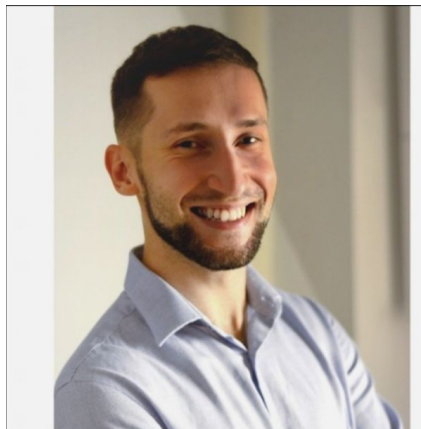Program Lead: Joanna Senderak-Jankowska

Trainer

Łukasz Boduch
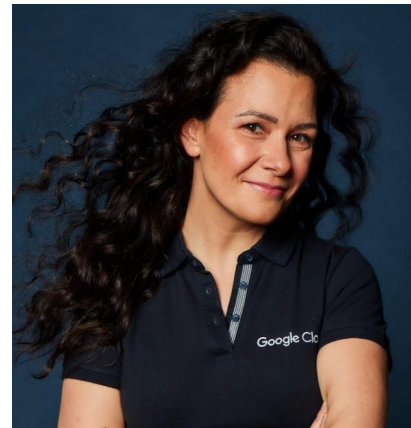Cloud Architect, Google Cloud
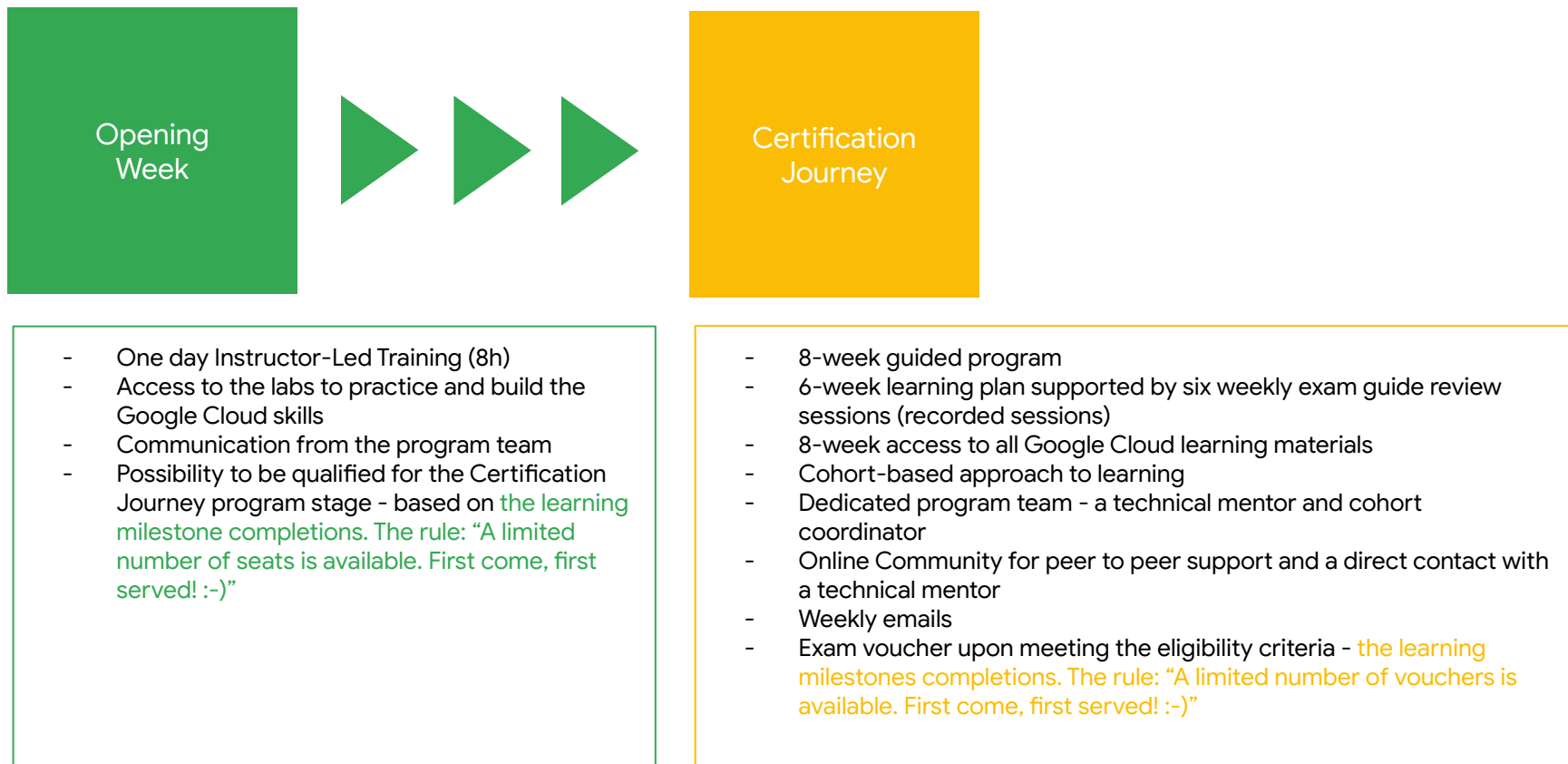Certified Trainer

Google Cloud

Certification Journey Team

**Jacek
Makowski**
Cohort Coordinator

**Joanna
Senderak-Jankowska**
Program Lead, Google Cloud
Certification Readiness
EMEA + JAPAC

Google Cloud

Get GCP Certified Learning Program - its stages and elements

Opening Week

Certification Journey

- One day Instructor-Led Training (8h)
- Access to the labs to practice and build the Google Cloud skills
- Communication from the program team
- Possibility to be qualified for the Certification Journey program stage - based on the learning milestone completions. The rule: "A limited number of seats is available. First come, first served! :-)"

- 8-week guided program
- 6-week learning plan supported by six weekly exam guide review sessions (recorded sessions)
- 8-week access to all Google Cloud learning materials
- Cohort-based approach to learning
- Dedicated program team - a technical mentor and cohort coordinator
- Online Community for peer to peer support and a direct contact with a technical mentor
- Weekly emails
- Exam voucher upon meeting the eligibility criteria - the learning milestones completions. The rule: "A limited number of vouchers is available. First come, first served! :-)"

Agenda

Market Trends

Why get Google Cloud certified?

Google Cloud Certifications

Google Cloud Certification Journey Overview

Additional Resources

Google Cloud

Trends we are seeing in Training & Certifications

Increase in Certified IT Professionals

92% IT professionals (survey respondents) have at least 1 certification.

Skills Gap Issues Persist

76% of IT decision-makers experience critical skills gaps on their teams and it is 145% increase since 2016.

Invested Interest in Training

80% IT decision makers approved training for their staff.

Why professionals train?

The number one reason to train - cited by both IT decision makers and IT staff is to build new skills. In fact **74%** of IT professionals want to improve their skills set.

Based on responses from the [Global Knowledge 2021 IT Skills and Salary Survey](#).

Google Cloud

Skilled Workforce is Key to Transforming your Business

Comprehensively training organization are **80%** more likely to **achieve their business goals**

3x More likely to achieve their innovation goals

3.8x More likely to meet ROI objectives

4.4x More likely to overcome operational concerns

1.9x More likely to move beyond limited deployment

Google Cloud

Google Cloud Certifications Business Impact

Organizations **modernize faster** and **increase business impact** with Google Cloud certified individuals

52%
Increase in closing organizational skill gaps

44%
Boost in productivity

43%
More effective at meeting clients' requirements

36%
Decrease in time when troubleshooting issues

Based on survey responses from the 2020 Google Cloud certification impact report.
Based on responses from the Global Knowledge 2020 IT Skills and Salary Survey.

Google Cloud

Why get Certified?

"

GCP certification proves that an engineer not only has real-world experience, but also has the technical knowledge to operate at the level required.

Welby McRoberts
Customer Reliability Engineer for Managed GCP, Rackspace Ltd.

Google Cloud

78%

feel more confident
in professional future

83%

can prove cloud skill
competency to recruiters

81%

feel resume is more
attractive

87%

feel more confident in
cloud skills

Why Certify?

Google Cloud certifications give individuals **confidence, credibility,** and opportunities for **career advancement and personal development.**

Google Cloud

Google Cloud
Certifications

Google Cloud Certifications Overview

Cloud Digital Leader

Associate Cloud Engineer

Professional Cloud Architect

Professional Data Engineer

Professional Machine Learning Engineer

Professional Cloud DevOps Engineer

Professional Workspace Administrator

Professional Cloud Developer

Professional Cloud Network Engineer

Professional Cloud Security Engineer

New **Professional Cloud Database Engineer**

Foundational
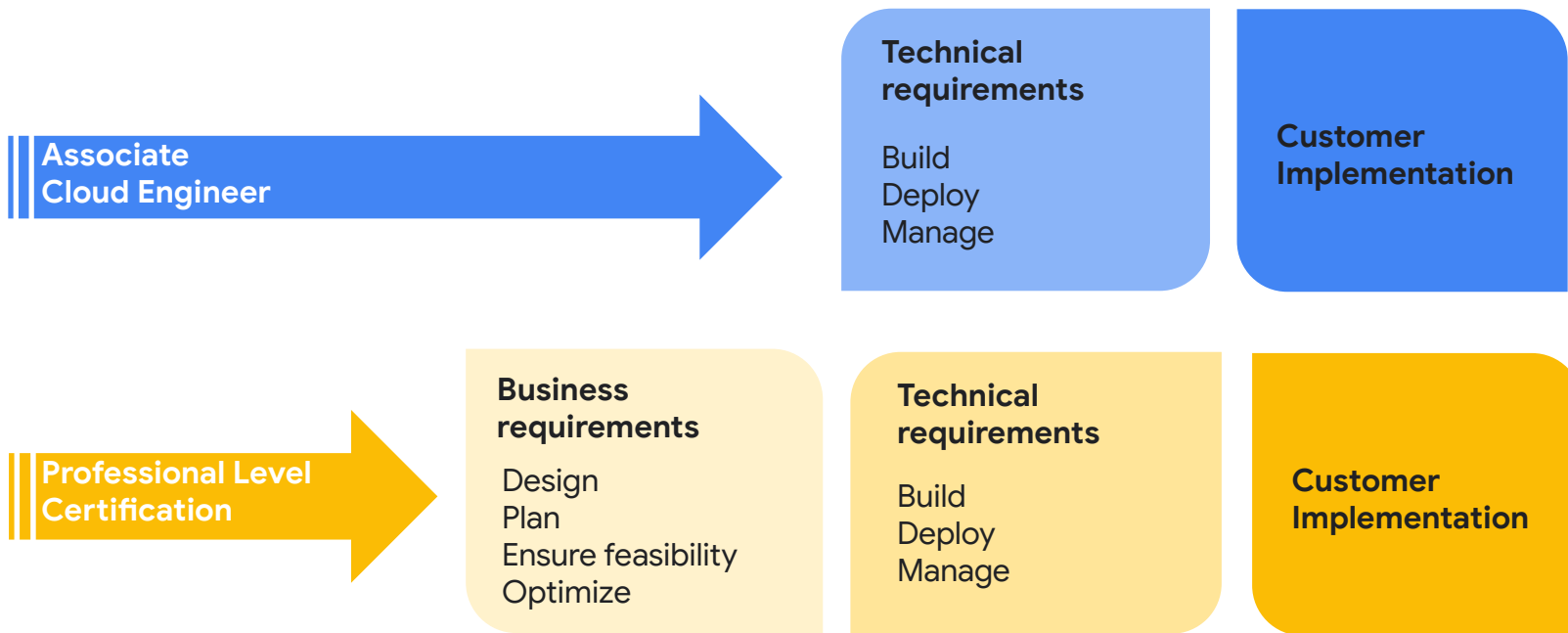Cloud knowledge and working in the cloud

Associate
Recommended 6+ months hands-on experience with GCP

Professional
Recommended 3+ years industry experience & 1 year hands-on experience with GCP

Google Cloud

What is the difference between a Associate vs. Professional certification?

Associate Cloud Engineer

Technical requirements

Build
Deploy
Manage

Customer Implementation

Professional Level Certification

Business requirements

Design
Plan
Ensure feasibility
Optimize

Technical requirements

Build
Deploy
Manage

Customer Implementation

Google Cloud

Associate Cloud Engineer Certification

Recommended Experience - 6 months+ hands-on experience with GCP

Role Responsibilities:

- Setup and deploy applications
- Monitor cloud operations
- Manage enterprise cloud solutions

Exam Coverage

- Setting up a cloud solution environment
- Planning and configuring a cloud solution
- Deploying and implementing a cloud solution
- Ensuring successful operation of a cloud solution
- Configuring access and security

Google Cloud
Certification Journey Overview

Certification Journey Learning Program

A **guided 8 week program** which prepares technical practitioners for in-demand **Google Cloud certifications. Certifications** validate technical expertise and take careers to the next level.

Associate Cloud Engineer - Your learning journey starts here...

Cohort ID: ACE03-GETCERTIFIED/2022.09.27 **Prework** ↻ [Review the Associate Cloud Engineer Certification Exam Guide](#) [Review the Associate Cloud Engineer Sample Questions](#)	**Learning weeks** ⇨	Week 1 Sept 26 - Oct 2, 2022 18h	Week 2 Oct 3 - 9, 2022 7h	Week 3 Oct 10 - 16, 2022 19h
	Exam guide review sessions ⇨	2022.09.27 09:00 AM - 10:30 AM BST Preparing for Your ACE Journey Module 2	2022.10.04 09:00 AM - 10:30 AM BST Preparing for Your ACE Journey Module 3	2022.10.11 09:00 AM - 10:30 AM BST Preparing for Your ACE Journey Module 4
	Learning plan ⇨	**Complete:** [Essential Google Cloud Infrastructure: Foundation](#) [Essential Google Cloud Infrastructure: Core Services](#)	**Complete:** [Elastic Google Cloud Infrastructure: Scaling and Automation](#)	**Complete:** [Reliable Google Cloud Infrastructure: Design and Process](#) [Getting Started with Google Kubernetes Engine](#)
	Online Community ⇨	The main communication channel of this program. Connect with technical advisor to clarify remaining areas. Peer to peer discussions and questions will be monitored during working days. Online Community support by your technical mentor ends on **November 20, 2022**.		
	Weekly Emails ⇨	Receive useful information on the status of your learning, as well as tips & tricks to get the most out of this program.		
	Exam voucher ⇨	You can apply for an exam voucher any time during this program. Complete at least 2 (out of 4) Google Cloud skill badges from your learning plan, share your public Skills Boost Profile with us by filling in this **form,** and **get your exam voucher!** A limited number of vouchers are available. First come, first served! The form is open by **December 15, 2022**.		

Associate Cloud Engineer - Your learning journey continues here :-)

Cohort ID: ACE03-GETCERTIFIED/2022.09.27 Prework ⇩ [Review the Associate Cloud Engineer Certification Exam Guide](#) [Review the Associate Cloud Engineer Sample Questions](#)	**Learning weeks** ⇨	Week 4 Oct 17 - 23, 2022 20h	Week 5 Oct 24 - 30, 2022 16h	Week 6 Oct 31 - Nov 6, 2022 9h	Week 7 Nov 7 - 13, 2022	Week 8 Nov 14 - 20, 2022
	Exam guide review sessions ⇨	2022.10.18 09:00 AM - 10:30 AM BST Preparing for Your ACE Journey Module 4	2022.10.27 09:00 AM - 10:30 AM BST Preparing for Your ACE Journey Module 5	2022.10.31 11:00 AM - 12:30 PM GMT Preparing for Your ACE Journey Module 6	No exam guide review session.	No exam guide review session.
	Learning plan ⇨	**Complete:** [Logging, Monitoring, and Observability in Google Cloud](#) [Create and Manage Cloud Resources](#) **Skill Badge (5h)**	**Complete:** [Perform Foundational Infrastructure Tasks in Google Cloud](#) **Skill Badge (4h)** [Setup and Configure Cloud Environment](#) **Skill Badge (6h)** [Automating Infrastructure on Google Cloud with Terraform](#) **Skill Badge (6h)**	**Review:** [Preparing For Your Associate Cloud Engineer Journey Workbook](#)	Contact your peers and technical mentor via Online Community. Get your questions answered and build your exam readiness.	Contact your peers and technical mentor via Online Community. Get your questions answered and build your exam readiness.
	Online Community ⇨	The main communication channel of this program. Connect with technical advisor to clarify remaining areas. Peer to peer discussions and questions will be monitored during working days. Online Community support by your technical mentor ends on **November 20, 2022**.				
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Program elements

8 weeks guided learning program
Starting on Sept 27, 2022
9:00 AM - 10:30 AM BST

Technical mentorship provided by a **dedicated trainer** in a format of weekly **Exam Guide Review Sessions** and via **Online Community**

A dedicated cohort coordinator Jacek Makowski, jmakowski@google.com

Exam voucher
Get your exam voucher by filling this form

Learning platform Google Cloud Skills Boost access to the on-demand courses and hands-on labs

Google Cloud

Earn skill badges along the way

A [Google Cloud skill badges](#) is a digital badge issued by Google Cloud in recognition of an individual's cloud proficiency with Google Cloud products and services and tests their ability to apply that knowledge in an interactive hands-on environment

Google Cloud	Google Cloud	Google Cloud	Google Cloud
Create and Manage Cloud Resources	**Perform Foundational Infrastructure Tasks**	**Perform Foundational Data, ML, and AI Tasks**	**Automating Infrastructure on Google Cloud with Terraform**
INFRASTRUCTURE MODERNIZATION SKILL	INFRASTRUCTURE MODERNIZATION SKILL	SMART ANALYTICS SKILL	INFRASTRUCTURE MODERNIZATION SKILL

[Watch this video](#) and learn what are the Google Cloud skill Badges.
[This article](#) describes the value of the Google Cloud Skill Badges.

Google Cloud

Program Resources
Training Platforms
Communication Channels
And... other available resources :-)

Google Cloud

Communication Channels

Weekly Emails

Receive useful information on the status of your learning and tips & tricks to get the most out of your prescribed learning journey.

Exam Guide Review Sessions

Weekly exam guide review sessions with a dedicated trainer. The trainer will answer questions and provide additional advice and preparation resources. 6 online live sessions,, all sessions will be recorded and available for your cohort only.

Community Forum

For peer to peer support and a direct communication channel with your trainer.

ace03_get_gcp_certified @googlegroups.com

Program Drive

Program assets, including the recordings from the exam guide review sessions will be stored here. Please make sure you can access this place.

Online Community (Google Groups) and **Google Drive** require Google Account to access (e.g. Gmail) if you don't have access please complete this form.

Google Cloud Skills Boost (form. Qwiklabs)

1. Google Cloud Skills Boost is an online learning environment along with a set of instructions to walk you through a live, real world, and scenario-based use case. In a lab you have access to the actual environment you want to learn about, not a simulation or demo environment. You can access the lab environment from anywhere on the Internet using a standard browser.
2. You have a 8-weeks Google Cloud Skills Boost subscription with access to all Google Cloud labs, quests and skill badges. Happy learning! :-)

1. Qwiklabs support can be reached via:
   a. Email: support@qwiklab.com
   b. Qwiklabs Support Portal
   c. Chat support
   d. Telephone
2. While contacting Qwiklabs support please provide the following:
   a. Your login email address
   b. Your name and surname
   c. That you have "campaign code 8-weeks Qwiklabs subscription"

Google Cloud

Google Cloud Skills Boost (form. Qwiklabs) 8-week access instructions

1. Please click this link
2. You will be prompted to log into Google Cloud Skills Boost. If you did not already have a Google Cloud Skills Boost account, you'll need to create one using this link. Creating an account is always free of charge.
3. Perform the lab "A Tour of Google Cloud Hands-on Labs"
4. After completion, when you click "End lab", you will receive a free of charge pass in your account to take the labs in Google Cloud Skills Boost.
5. You will be able to take the labs free of charge (you must be logged in to see the benefit).
6. Link is available until **26th October, 2022**, and will not be extended, please activate your account accordingly.
7. Once your code has been activated, you are able to use the license for 60 days since the activation date

Google Cloud

Program shortcuts

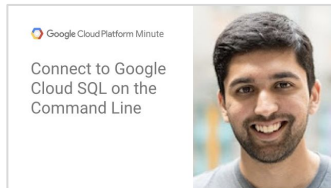| Program asset	Access via	Content	Link
Online Community via **Google Groups**	Google Account	• Weekly updates according to learning plans • Trainer's support on technical questions • Cohort coordinator's support for program questions • Additional information about program-related events, news, features etc.	🔗
Program Folder via **Google Drive**	Google Account	• Learning plan • Session's decks • Recordings • Other materials	🔗
Hands-on practice via **Google Cloud Skills Boost**	Company email address	• Google Cloud Skills Boost is an online learning environment along with a set of instructions to walk you through a live, real world, and scenario-based use case. In a lab you have access to the actual environment you want to learn about, not a simulation or demo environment. • Access to the full library of the Google Cloud's on-demand courses.	🔗
Google Form	Google Account	• To grant the access to Google Groups and Google Drive.	🔗

Additional resources

- Exam outlines and sample questions
- Product [documentation](#)
- Online practice labs and quests
- ["Free" Google Cloud accounts ($300 credit)](#)
- [Google Cloud Tech Youtube Channel](#)
- [Google Cloud Blog](#)
- [GCP sketchnote](#)
- [The Cloud Girl](#)
- You can also purchase [the ACE exam preparation book/ebook](#)
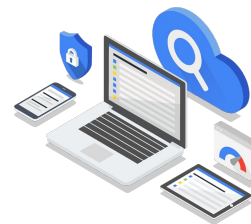
Google Cloud

Google Cloud Tutorials

Find [step-by-step instructions](#) for completing common tasks like automated network deployment, disaster recovery planning, and more.

Google Cloud Quickstarts

Get started with Cloud Platform products, services, and APIs with these short [tutorials](#) – which range from beginner to advanced topics.
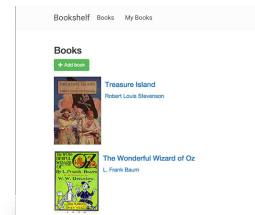
Cloud Minute

Watch one-minute how-to [videos](#) for dozens of simple tasks, like adding APIs to a Cloud Platform project or creating a bucket in GCS.

Sample Projects

Dive right into coding with [examples](#) that demonstrate how to use popular and powerful Google Cloud Platform products and features.

Questions? :-)

Google Cloud

Let's get started! :-)

Google Cloud