

---

# Architecting with Google Kubernetes Engine (AGKE)

**ID** AGKE **Price** CHF 2,220.—(excl. VAT) **Duration** 3 days

## Who should attend

This class is intended for the following participants:

- Cloud architects, administrators, and SysOps/DevOps personnel
- Individuals using Google Cloud Platform to create new solutions or to integrate existing systems, application environments, and infrastructure with the Google Cloud Platform.

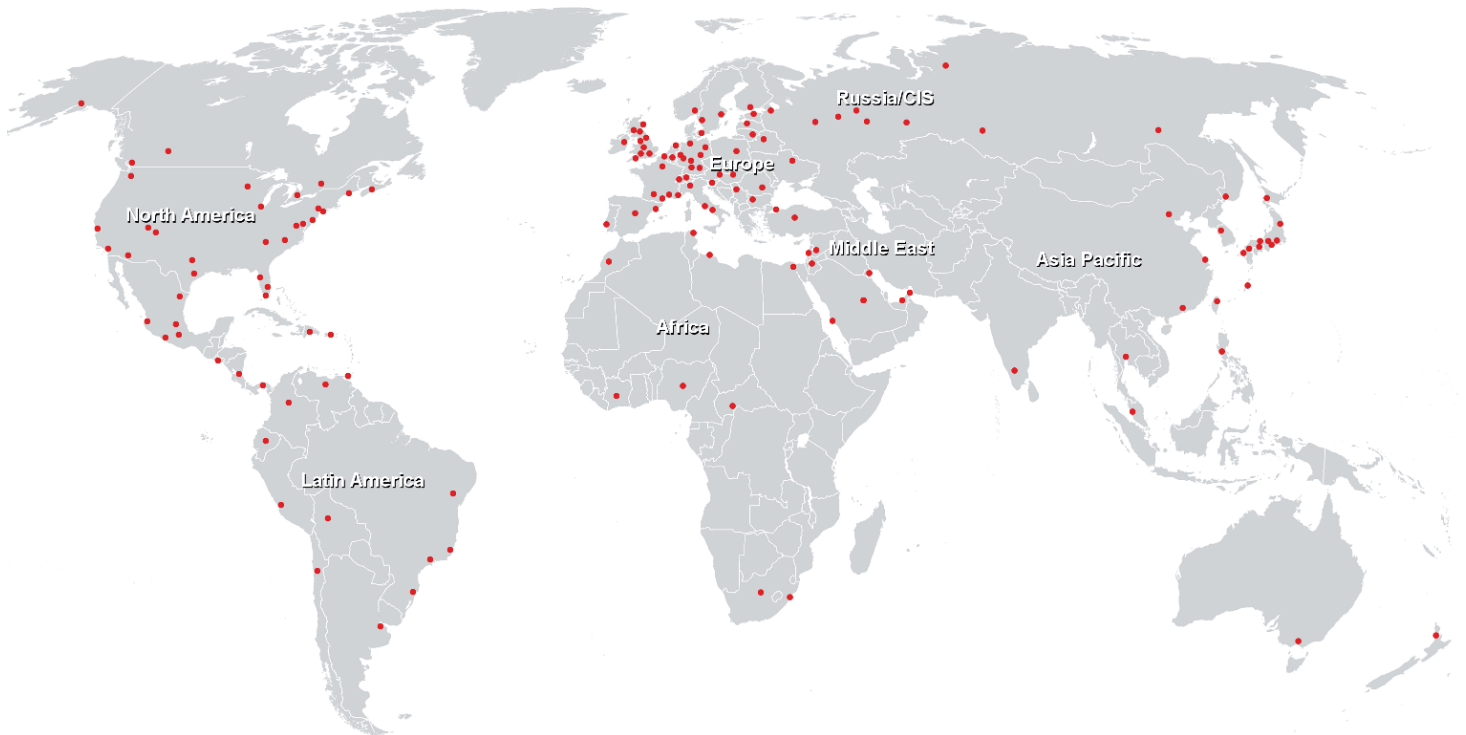
## Prerequisites

To get the most out of this course, participants should have completed [Google Cloud Fundamentals: Core Infrastructure \(GCF-CI\)](#) or have equivalent experience.

## Course Objectives

- Understand how software containers work.
- Understand the architecture of Kubernetes.
- Understand the architecture of Google Cloud.
- Understand how pod networking works in Google Kubernetes Engine.
- Create and manage Kubernetes Engine clusters using the Google Cloud Console and `gcloud/kubectl` commands.
- Launch, roll back, and expose jobs in Kubernetes.
- Manage access control using Kubernetes RBAC and IAM.
- Manage pod security policies and network policies.
- Use Secrets and ConfigMaps to isolate security credentials and configuration artifacts.
- Understand Google Cloud choices for managed storage services.
- Monitor applications running in Google Kubernetes Engine.

## Training Centres worldwide



### Fast Lane Institute for Knowledge Transfer GmbH

Husacherstrasse 3  
CH-8304 Wallisellen  
Tel. +41 44 832 50 80

info@flane.ch, <https://www.flane.ch>