

## Preparing for the Professional Cloud Architect Examination

### Overview

Students in this course will prepare for the Professional Cloud Architect Certification Exam. They will rehearse useful skills including exam question reasoning and case comprehension, tips and review of topics from the Infrastructure curriculum.

### Prerequisite Comments

Cloud professionals who intend to take the Professional Cloud Architect certification exam Must have attended Architecting with GCP: Infrastructure course or equivalent on demand courses. Knowledge and experience with GCP, equivalent to GCP Architecting Infrastructure Knowledge of cloud solutions, equivalent to GCP Design and Process Industry experience with cloud computing

### Target Audience

This course is intended for the following participants:  
Cloud professionals who intend to take the Professional Cloud Architect certification exam.

### Course Objectives

Candidates will be able to identify skill gaps and further areas of study.  
Candidates will also be directed to appropriate target learning resources.

### Course Outline

#### 1 - Understanding the Professional Cloud Architect Certification

Position the Professional Cloud Architect certification among the offerings  
Distinguish between Associate and Professional  
Provide guidance between Professional Cloud Architect and Associate Cloud Engineer  
Describe how the exam is administered and the exam rules  
Provide general advice about taking the exam

[Register Online](#)

Schedule

Class Length: 1 Day

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
ILT = "Instructor-Led-Training"

*This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.*

## 2 - Sample Case Studies

MountKirk Games  
Dress4Win  
TerramEarth

## 3 - Designing and Implementing

Review the layered model from Design and Process  
Provide exam tips focused on business and technical design  
Designing a solution infrastructure that meets business requirements  
Designing a solution infrastructure that meets technical requirements  
Design network, storage, and compute resources  
Creating a migration plan  
Envisioning future solution improvements  
Resources for learning more about designing and planning  
Configuring network topologies  
Configuring individual storage systems  
Configuring compute systems  
Resources for learning more about managing and provisioning  
Designing for security  
Designing for legal compliance  
Resources for learning more about security and compliance

## 4 - Optimizing and Operating

Analyzing and defining technical processes  
Analyzing and defining business processes  
Resources for learning more about analyzing and optimizing processes  
Designing for security  
Designing for legal compliance  
Resources for learning more about security and compliance  
Advising development/operation teams to ensure successful deployment of the solution  
Resources for learning more about managing implementation  
Easy buttons  
Playbooks  
Developing a resilient culture  
Resources for learning more about ensuring reliability

## 5 - Next Steps

Present Qwiklabs Challenge Quest for the Professional CA  
Identify Instructor Led Training courses and what they cover that will be helpful based on skills that might be on the exam  
Connect candidates to individual Qwiklabs, and to Coursera individual courses and specializations.  
Review/feedback of course