


<b>Course Name</b>	<b>Google Cloud - Associate Cloud Engineer</b>	
<b>About the Course</b>	An Associate Cloud Engineer deploys and secures applications, services, and infrastructure, monitors operations of multiple projects, and maintains enterprise solutions to ensure that they meet target performance metrics	
<b>Key Skills You Will Learn</b>	Set up a cloud solution environment, Plan and configure a cloud solution, Deploy and implement a cloud solution, Ensure successful operation of a cloud solution, Configure access and security	
<b>Course Pre-Requisite</b>	There are no prerequisites of this course, but Google recommends that you have a basic understanding of cloud computing concepts and some programming experience. You should also be familiar with networking, security, and the Linux command line	
<b>Target Audience</b>	IT professionals: Those who want to transition into cloud engineering, especially those who specialize in Google Cloud Platform (GCP), Cloud beginners, System administrators and DevOps engineers, People who want to start a career in GCP, People who want to take the GCP Architect exam: Those who want to prepare for the GCP Architect exam, People who use GCP to create new solutions	
<b>Job prospects with this role</b>	Cloud engineer, Cloud consultant, Solutions architect, Data engineer, DevOps engineer, Cloud administrator	
<b>Course Duration</b>	~ 16 Hrs	
<b>Course Customisation</b>	Not applicable	
<b>Certification</b>	READYBELL Google Cloud - Associate Cloud Engineer Certificate	
<b>Mode of Training</b>	Instructor-led 100% Online or 100% Classroom (Salt Lake, Kolkata - India) or hybrid mode (Online + Classroom) as suitable for the learner	
<b>Course Fees</b>	Please contact us	
<b>Refund Policy</b>	Get a 3-hours free trial during which you can cancel at no penalty. After that, we don't give refunds	
<b>Job Assistance</b>	Will assist candidate in securing a suitable job	
<b>Contact</b>	<p><b>READYBELL SOFTWARE SERVICES PVT. LIMITED</b>  <b>AH 12, SALT LAKE SECTOR 2, KOLKATA (INDIA) - 700 091</b>  <b>E-MAIL: <a href="mailto:contact@readybellsoftware.com">contact@readybellsoftware.com</a></b>  <b>PH: +91 - 9147708045/9674552097, +91 - 33-79642872</b></p>	 <p>Software Services Pvt. Ltd.</p>

CURRICULUM		
Topic	Sub-Topic	Duration (Hrs)
<b>Google Cloud - Associate Cloud Engineer</b>	Module 1: Preparing for Your Associate Cloud Engineer Journey	16 Hrs
	Introduction	
	Setting Up a Cloud Solution Environment	
	Planning and Configuring a Cloud Solution	
	Deploying and Implementing a Cloud Solution	
	Ensuring the Successful Operation of a Cloud Solution	
	Configuring Access and Security	
	Module 2: Google Cloud Fundamentals: Core Infrastructure	
	Introducing Google Cloud	
	Resources and Access in the Cloud	
	Virtual Machines and Networks in the Cloud	
	Storage in the Cloud	
	Containers in the Cloud	
	Applications in the Cloud	
	Developing and Deploying in the Cloud	
	Logging and Monitoring in the Cloud	
	Module 3: Essential Google Cloud Infrastructure: Foundation	
	Interacting with Google Cloud	
	Virtual Networks	
	Virtual Machines	
	Module 4: Essential Google Cloud Infrastructure: Core Services	
	Introduction	
	Identity and Access Management (IAM)	
	Storage and Database Services	
	Resource Management	
	Resource Monitoring	
	Module 5: Elastic Google Cloud Infrastructure: Scaling and Automation	
	Introduction	
	Interconnecting Networks	
	Load Balancing and Autoscaling	
	Infrastructure Automation	
	Managed Services	
Module 6: Reliable Google Cloud Infrastructure: Design and Process		
Introduction		
Defining Services		
Microservice Design and Architecture		
DevOps Automation		

	Choosing Storage Solutions	
	Google Cloud and Hybrid Network Architecture	
	Deploying Applications to Google Cloud	
	Designing Reliable Systems	
	Security	
	Maintenance and Monitoring	
	Module 7: Getting Started with Google Kubernetes Engine	
	Introduction to Google Cloud	
	Introduction to Containers and Kubernetes	
	Kubernetes Architecture	
	Introduction to Kubernetes Workloads	
	Module 8: Getting Started with Terraform for Google Cloud	
	Introduction to Terraform for Google Cloud	
	Terms and Concepts	
	Writing Infrastructure Code for Google Cloud	
	Organizing and Reusing Configuration with Terraform Modules	
	Introduction to Terraform State	
<b>To register for this course please e-mail/call us</b>		