

Google Cloud Platform (GCP) Certification

Structured technical training and certification preparation

A practical, student-friendly outline covering course Overview, devOps Basics, app Engine PaaS, kubernetes Engine Overview, and devOps Developer Tools.

MODULES

8

LESSONS

50

FORMAT

Self-paced

Module Breakdown

<p>MODULE 1</p> <p>Course Overview</p> <p>Course Overview Course PreReqs</p>	<p>MODULE 2</p> <p>DevOps Basics</p> <p>DevOps Fundamentals What is DevOps What are Pipelines Continuous Integration and Delivery Continuous Deployment Whiteboard Build Services Demo - DevOps Services on GCP</p>
<p>MODULE 3</p> <p>App Engine PaaS</p> <p>App Engine App Engine Basics App Engine Demo App Engine Security Scanner Demo App Engine or Kubernetes Engine</p>	<p>MODULE 4</p> <p>Kubernetes Engine Overview</p> <p>Kubernetes Engine Kubernetes Basics What is Kubernetes Engine Demo - Kubernetes Engine Clusters Demo Kubernetes Engine Application Demo Kubernetes Engine Whiteboard</p>

Module Breakdown (continued)

<p>MODULE 5</p> <p>DevOps Developer Tools</p> <ul style="list-style-type: none">DevOps Services & ToolsDemo - Cloud SDKDemo - Cloud ShellDemo - Cloud BuildDemo - Container RegistryDemo - Cloud Source RepositoriesDemo - Private CatalogDemo - Artifact Registry	<p>MODULE 6</p> <p>Microservices</p> <ul style="list-style-type: none">MicroservicesDemo - Cloud WatchCloud Functions-Cloud RunDemo - Cloud FunctionsDemo - Cloud Run
<p>MODULE 7</p> <p>Management of your DevOps Services</p> <ul style="list-style-type: none">Management and MonitoringCloud OperationsDemo - Cloud OperationsService AccountsCloud Endpoints and ApigeeDemo - Workflows and Cloud TasksDemo - Recommendation EngineInfrastructure as Code (IaaS)Deployment ManagerDemo - Deployment ManagerDemo - Cloud Marketplace	<p>MODULE 8</p> <p>Resources and Closeout</p> <ul style="list-style-type: none">Resources and CloseoutCourse SummaryDevOps Roles and Salary DemandAdditional ResourcesGoogle Cloud Platform CertificationCourse Closeout