



**LEARN WELL  
TECHNOCRAFT**

# GOOGLE CLOUD SYLLABUS

8th year of Accomplishments

**AUTHORIZED GLOBAL CERTIFICATION  
CENTER FOR GCP, MICROSOFT, ORACLE,  
IBM, AWS AND MANY MORE.**

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# ACHIEVEMENTS FROM TRAINING

- CANDIDATE WILL BE ABLE TO SHOW 2-3 YEARS EXPERIENCE AFTER TRAINING.
- REAL TIME SCENARIOS, CASE STUDIES, PROJECTS INCLUDED.
- REAL TIME DATA PROVIDED FOR PRACTICE.
- SOFTWARE WILL BE INSTALLED ON CANDIDATES MACHINE.
- INDIVIDUAL 1 ON 1 DISCUSSIONS FOR RESUME MODIFICATIONS.
- LEARN FROM INDUSTRY EXPERTS.
- GLOBAL CERTIFICATION PREPARATION.
- APPEAR FOR GLOBAL CERTIFICATION AT LEARN WELL TECHNOCRAFT ITSELF.
- GET DISCOUNTED CERTIFICATION VOUCHERS.
- AUTHORIZED GLOBAL CERTIFICATION CENTER FOR PEARSON, PSI, KRYTERION.

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# Google Cloud Platform

## Intro to GCP

### Google Cloud Platform

- Using GCP

## Virtual Networks

### Cloud Virtual Network

- Projects, networks and subnetworks
- IP Addresses
- Routes and Rules
- Billing
- Common Network Design

## Virtual Machines

### Google Compute Engine

- Compute Options
- Images
- Disk Options
- Common GCE Actions

## Cloud IAM

### Cloud Identity and Access Management

- Organization
- Roles
- Members
- Service Accounts

### Cloud IAM Best Practices

## Data Storage Services

### Google Cloud Storage

- Cloud SQL
- Cloud Spanner
- Datastore
- BigTable

## Resource Management

### Cloud Resource Manager

- Quotas
- Labels and Names
- Billing

## Resource Monitoring

### Monitoring

- Logging
- Error Reporting
- Tracing
- Debugging

## Interconnecting Networks

### Cloud VPN

- Cloud Router
- Cloud Interconnect
- Direct Peering

### Cloud DNS

## Load Balancing

### Network Load Balancing

- HTTP(S) Load Balancing
- HTTP and SSL Proxy Load Balancing
- Cross Region and Content-Based Load Balancing
- Managed Instance Group
- Load Balancing Best Practices

## Autoscaling

### Autoscaling

- Policies
- Configuration

## Infrastructure Automation with Cloud

### Infra Automation

- Images
- Metadata
- Scripts
- Cloud API

## Infrastructure Automation with Deployment Manager

### Deployment Manager

- Templates
- Cloud Launcher

## Managed Services

### Managed Services

- Dataproc
- Dataflow
- BigQuery
- Other Services

## App Infrastructure Services

### Cloud Pub/Sub

- API Management
- Cloud Functions
- Cloud Source Repositories
- Speciality APIs

# App Development Services

Google API

Containers

Containers

- Google Container Engine
- Google Container Registry

# Also Available

- Internships - Paid / Free
- Internship certifications on successful completion
- Final year Collage Projects on Latest Skills
- Special Project batches
- Collage Seminars