



CERTIFIED GCP

PROGRAM BROCHURE



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WHY VIRAJETECH?

“OUR VISION”

To be the safest, most progressive Technology Provider, relentless in the pursuit of Client and employee excellence

Virajetech's Placement Team has garnered a reputation for the industry's most exceptional placement records. Their dedicated efforts have facilitated the successful transition of thousands of aspirants into flourishing careers .



EXPERT TRAINERS

10+year experienced and

Industry Experts

Elite Faculty from Prestigious universities with deep research and coaching expertise



COMPREHENSIVE

30 hours & 700+ Learning Hrs.

Syllabus aligned with virajetech standards and rigorously updated to match with latest industry requirements

JOB ASSISTANCE

End to End job Support

Personalized resume and interview preparation support Job updates and connects

REALTIME EXPERIENCE
Projects and Internships
20 capstone projects and 1 client projects with active interaction
Internship -developing POCs

PROGRAM STRUCTURE

- THE COURSE FOR BEGINNER'S PROFESSIONALS AND INTERMEDIATE LEARNERS IN THE FIELD OF
- AWS THIS IS A CAREER- ORIENTED PROGRAM, DESIGNED TO IMPART A STRONG FOUNDATION



- PRE COURSE SELF-STUDY HIGH QUALITY VIDEOS
- EASY LEARNING APPROACH.
- CERTIFICATIONS
- JOB READY PROGRAM



- LIVE TRAINING
- 30 HOUR A WEEK
- COMPREHENSIVE SYLLABUS
- HANDS-ON PROJECTS
- EXPERT TRAINERS AND MENTORS

Google Cloud Platform Cloud Security Engineer



WHY GCP?



GCP courses are essential in the IT industry, providing professionals with crucial skills to harness Google Cloud Platform's (GCP) robust cloud computing services. In the rapidly evolving IT landscape, businesses increasingly rely on cloud solutions for improved scalability and efficiency. GCP courses cover diverse topics, including IaaS, PaaS, and SaaS, empowering IT professionals to adeptly implement cloud-based solutions. The inclusion of data analytics, machine learning, and AI tools further enhances the relevance of these courses in meeting the industry's demand for advanced technologies. As organizations continue to migrate to the cloud, GCP-certified professionals are highly sought after, making these courses instrumental in shaping successful IT careers.



1 Introduction to Cloud Security and GCP Overview

- *Cloud security fundamentals*
- *Overview of GCP security features*
- *Shared Responsibility Model*
- *Division of security responsibilities*
- *Importance of security in the cloud*

2 Identity and Access Management (IAM) in GCP

- *Roles, permissions, and policies*
- *Cloud IAM Overview*
- *Service Accounts*
- *Cloud Identity*
- *Understanding Service Accounts and Scopes on Google Compute Engine*
- *Identity federation*
- *Integration with external identity providers*
- *Best practices for IAM implementation*

- **VPC Peering**
- **Shared VPC**
- **Cloud NAT**
- **Private Google Access**
- **Creating a Custom Mode VPC Network on Google Cloud Platform**

3 GCP Networking Security

- **Network design for security**
- **DDoS protection and mitigation**
- **Strategies against DDoS attacks**
- **GCP DDoS protection services**
- **Virtual Private Cloud (VPC)**
- **Shared VPC**
- **Network Isolation and Firewall Rules**
- **Load Balancing**
- **Cloud Interconnect and Cloud VPN**
- **Cloud DNS and DNSSEC**
- **VPC Best Practices**
- **Connecting Networks with Google Cloud VPN Using Static Routes**
- **Create Firewall Rules on a Google Cloud VPC Network**

4 Data Security and Encryption

- **Best practices for data protection**
- **Encryption in GCP**
- **Encryption at rest and in transit**
- **Key management with GCP KMS**

5 GCP Security Services

- *Security Command Center*
- *Threat detection and response*
- *Cloud Armor and Identity-Aware Proxy*
- *Web-based attack protection*
- *Identity-aware access control*

6 Compliance and Governance in GCP

- *GCP compliance standards*
- *Industry-specific compliance requirements*
- *Policy as Code*
- *Governance policies using IaC*
- *Config Validator for security policies*

7 Encryption on Google Cloud Platform

- *Encryption Overview*
- *Encryption at Rest*
- *Encryption in Transit*
- *Cloud KMS*
- *Creating and Managing Encryption Keys Hands-On*
- *Handling Encryption Keys with Cloud KMS*

8 Compute and Storage Security

- *Compute Engine Best Practices*
- *Google Kubernetes Engine (GKE) Security*
- *Secrets Manager*

- *Cloud Storage and Storage Types*
- *Cloud Storage Permissions and Access Control Lists (ACLs)*
- *Data Retention Policies using Bucket Lock*
- *BigQuery Security*
- *Applying Signed URLs to Cloud Storage Objects*

9 Cloud Monitoring

- *Stackdriver Overview*
- *Cloud Logging*
- *VPC Flow Logs*
- *Cloud Monitoring and Alerting*
- *Stackdriver APM and Error Reporting*
- *Exporting Stackdriver Logs*

10 Advanced Threat Detection and Prevention

- *AI/ML for threat detection*
- *End-to-End Security Automation*
- *Automation workflows*
- *Integrating security tools with CI/CD pipelines*

11 Capstone Project

- *Designing a security solution for a GCP environment*
- *Implementation of the project*
- *Presentation of the project*
- *Project review and feedback*

INTERNSHIP

Explore valuable internship opportunities with us! Join a dynamic and innovative environment, collaborate on real-world projects, and enhance your skills. We're seeking motivated individuals with a passion for learning and strong communication skills. This internship offers hands-on experience, exposure to industry best practices, and potential career pathways.



VIRAJETECH EXPERTISE CLASS



VIRAJETECH EXPERTISE CLASS

PLACEMENT ASSISTANCE TEAM



PROJECT MENTORING

35 hours Live
Mentoring in industry
projects

DOUBTS SESSIONS

Twice a week, Live
doubts session from
mentors and experts

JOB COUNSELLING

Mapping your profile
to suitable job role

INTERVIEW QUESTIONS

Frequently asked
interview questions
course included

ALUMNI CONNECT

Connect with
successful Alumni to
learn from experience

RESUME SUPPORT

Personalized resume
creation support from
professionals

PLACEMENT ASSISTANCE



Mercedes-Benz

HCL

OUR LEARNER'S FEED BACK

HIGHEST LEVEL OF CUSTOMER DELIGHT

 **ruchi s**
1 review · 3 photos
 3 months ago

VirajeTech has been a game-changer for me. Their training courses have provided me with the skills I needed to excel in my career 4X. The instructors and Arjun sir are passionate about what they do, and it shows in their teaching. Hands on and practical way of teaching, I highly recommend VirajeTech to anyone looking to further their knowledge and skills

 **Anoop G**
6 reviews
 3 months ago

Getting placed at Amency was a dream come true, and I owe a big thank you to VirajeTech for making it possible. The instructors were experts in their field, and they created a supportive learning environment. The hands-on approach and practical exercises made all the difference.

 **Sachidanand Shahane**
3 reviews
 7 months ago

I am part of the AWS Associate master Class. The course was designed in a fashion that we are able to cover most of the content in a very short time. our trainer Kumar sir clarified any doubt we had and also pushed us to do the practicals which is really helpful in the learning process. Hi having vast knowledge and experience in Devops and Multi cloud platform(AWS,Azure,GCP),he provide the opportunity to get as much knowledge and guidance as possible. each session are interactive has real time use cases.

 **Sayali Gawde**
2 reviews
 a year ago

Thanks for the AWS tutoring by Virajtech. The best decision I have taken in my career so far. Instructor was very helpful and gave all possible solutions related to the problem which we faced in real time scenarios. This is what I have experienced in this course, a very practical and beneficial one.

 **Piyush Poply**
2 reviews
 3 years ago

I am connected with this organization since its inception. This is one of the best places to learn, practice and grow your skills up to the standards of the industry. As in IT industry, maintaining your skills and updating yourself is the most important thing, we should never stop learning and this is exactly what this institute provides. The online classes are really great as well as the trainers.

 **Harpreet Singh**
12 reviews
 7 months ago

Give very detailed explanation and also live teaching classes. Covering all latest topics which for sure help in getting jobs in today's market

ADMISSIONS AND CONTACTS

ENQUIRE FOR DETAILED INFORMATION FOR ENROLLMENT

DURATION:35 HOURS

LEARNING : ONLINE MODE

b 1st floor, 64, 3rd Cross Rd, Electronics City Phase 1,
Electronic City, Bengaluru, Karnataka 560100
PHN NO:8618501719



20 HOURS A WEEK COMMITIMENT



GCP IS RATED AS **THE TOP CAREER**
HIGHEST PAID –RECESSION PROOF –MILLIONS OF JOBS



TAKE YOUR FIRST STEP TOWARDS GCP CAREER

ENQUIRE NOW

THANK you



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