Cloud Computing Courses



AMAZON WEB SERVICES (AWS)

Foundations

- AWS Technical Essentials
 - AWS Cloud Practitioner Essentials
 - AWS Cloud Essentials for Business Leaders
 - AWS Cloud Essentials for Business Leaders—Financial Services

Architect

- Architecting on AWS
 - Advanced Architecting on AWS
 - Architecting on AWS Accelerator
 - AWS Well-Architected Best Practices

Containers

• Running Containers on Amazon Elastic Kubernetes Service

Cost Management

AWS Cloud Financial Management for Builders

Data Analytics

- · Big Data on AWS
- Building Data Analytics Solutions Using Amazon Redshift
- Building Data Lakes on AWS
- Data Warehousing on AWS

Databases

· Planning and Designing Databases on AWS

Developer

- Developing on AWS
- Advanced Developing on AWS

DevOps Engineer

DevOps Engineering on AWS

Machine Learning

- Deep Learning on AWS
- MLOps Engineering on AWS
- Practical Data Science with Amazon SageMaker
- The Machine Learning Pipeline on AWS

Migrate and Transfer

Migrating to AWS

Operations

• Systems Operations on AWS

Security

- ♠ AWS Security Essentials
 - AWS Security Governance at Scale
 - Security Engineering on AWS

Serverless

Developing Serverless Solutions on AWS

AZURE (MICROSOFT AZURE)

Microsoft Azure Fundamentals; Microsoft Azure Administrator; Microsoft Azure Architect Technologies

CLOUD COMPUTING

- 🔥 758: Journey to the Cloud
 - 788: DevOps Foundations
- 🔥 815: Hands-On Terraform
- 830: DevOps Essentials
 - 832: DevSecOps Foundations
- 835: Cloud-Native Development
- 835CE: Cloud Foundational Engineer Bootcamp
- 838: Architecting Systems in the Cloud
- 960: Hands-On Kubernetes
 - 961: Certified Kubernetes Application Developer (CKAD)
- 962: Certified Kubernetes Administrator
- 975: SRE Essentials
- 980: Hands-On Ansible

GENERATIVE AI

- 930: Introduction to Generative AI
- 931: Introduction to Building Generative AI Applications Coming Soon
- 932: Building Generative AI Chatbot Applications Coming Soon
- 933: Building Generative Al Search Applications Coming Soon
- 934: Establishing a Generative Al-enabled Developer Workflow Coming Soon
- 935: Advanced Hands-On Generative Al Workshop Coming Soon
- 936: Generative AI Tools to Improve Productivity
- 937: Hands-On Generative AI: Tools and Techniques
- 938: Architecting and Implementing Generative AI Solutions in the Cloud
- 939: Generative AI for Developers

GOOGLE CLOUD

Foundations

- Google Cloud Fundamentals: Core Infrastructure
- Google Cloud Big Data and Machine Learning Fundamentals
- Getting Started with Google Kubernetes Engine
- Getting Started with Terraform for Google Cloud

Cloud Infrastructure

- · Architecting with Google Compute Engine
- Architecting with Google Cloud: Design and Process
- · Logging, Monitoring, and Observability in Google Cloud
- · Getting Started with Terraform for Google Cloud
- Associate Cloud Engineer Certification Workshop
- Professional Cloud Architect Certification Workshop

Google Cloud and Generative AI

- Introduction to GenAl for Business Leaders
- Introduction to GenAl for Business Users
- Industry Use Cases for Generative AI
- Generative AI Explorer
- Text Generation for Applications Using Vertex AI Studio
- Interactive Chat for Applications Using Vertex Al Studio
- Introduction to Responsible AI in Practice
- Vertex Al Model Garden

Application Modernization

- Developing Applications with Google Cloud Platform
- Application Development with Cloud Run
- Developing Applications with Cloud Functions on Google Cloud
- Architecting with Google Cloud: Design and Process
- Logging, Monitoring, and Observability in Google Cloud
- Professional Cloud Developer Certification Workshop
- Professional Cloud Developer Certification Workshop
 Professional Cloud DevOps Engineer Certification Workshop
 - Understanding Cloud Spanner
 - Day 2 Operations on Google Cloud

Kubernetes, Hybrid, and Multi-Cloud

- Architecting with Google Kubernetes Engine
- Architecting Hybrid Cloud Infrastructure with Anthos

Data Engineering and Analytics

- From Data to Insights with Google Cloud Platform
- Data Engineering on Google Cloud Platform
 - Serverless Data Processing with Dataflow
 - Enterprise Database Migration
 - Data Warehousing with BigQuery
 - Data Integration with Cloud Data Fusion
 - Migrating to BigQuery (<u>Athena</u>, <u>Redshift</u>, <u>Snowflake</u>, <u>Teradata</u>)
 - Managing a Dash Mesh with Dataplex
 - Professional Data Engineer Certification Workshop

Apigee and API Management

- Developing APIs with Google Cloud's Apigee API Platform
- Managing Google Cloud's Apigee API Platform for Hybrid Cloud
 - Installing and Managing Google Cloud's Apigee API Platform
 - Building Solutions with Apigee X

Networking and Security

- Networking in Google Cloud
- ♦ Security in Google Cloud
 - Professional Cloud Security Engineer Certification Workshop

Machine Learning and Artificial Intelligence

- Machine Learning on Google Cloud Platform
- Customer Experiences with Contact Center Al-Dialogflow CX
 Customer Experiences with Contact Center Al-Dialogflow ES
- MLOps on Google Cloud
 - Introduction to AI and Machine Learning on Google Cloud
 - Introduction to Ai and Machine Learning on Google Cloud
 Professional Machine Learning Engineer Certification Workshop

Professional Mach Google Cloud for Business

- Cloud Digital Leader
- Data-Driven Transformation with Google Cloud
- Leading Change When Moving to Google Cloud
- Managing Machine Learning Projects with Google Cloud

Looker

- Analyzing and Visualizing Data in Looker
- Developing Data Models with LookML
- Looker Developer Deep Dive

Technology and Management Courses



AGILE AND TEST-DRIVEN DEVELOPMENT

312: Agile/Scrum Fundamentals for Managers

344: Agile Testing Methods for Developers and Testers

371: Certified ScrumMaster

372: Certified Scrum Product Owner

375: Scrum Essentials with Kanban

BIG DATA AND MACHINE LEARNING

401: Big Data Essentials for Managers & Non-Programmers

433: Analyzing Big Data Using Hadoop, Hive, Spark, and HBase

441: Introduction to NoSQL Databases

449: Spark for Big Data Processing

450: Learning Apache Kafka

494: Basic Programming with Scala

495: Programming with Scala: Basics and Beyond

496: Advanced Programming with Scala

497: What's New in Scala 3

592: Data Science with Python

🔥 805: Introduction to Machine Learning

811: Machine Learning Concepts

BUSINESS ANALYSIS

103: Roles, Responsibilities, and Processes of the Business Analyst

108: Analyzing and Documenting Business Processes

109: Advanced Business Analysis

110: The Agile Business Analyst

115: Advanced Requirements Elicitation Techniques

302: Developing Quality Requirements

ITIL® AND IT SERVICE MANAGEMENT

325: ITIL® 4 Foundations

350-353: ITIL® Capability Stream

354-358: ITIL® Lifecycle Stream

JAVA

430: Programming Java

439: Developing Applications with Java 8

443: Mastering Test-Driven Development Using JUnit

445: Mastering the Spring Framework and Hibernate

472: Java Best Practices and Design Patterns

499: Oracle Certified Professional: Java SE 11 Developer Certification Prep

LEADERSHIP AND MANAGEMENT SKILLS

139: Managerial Leadership

145: Advanced Management and Leadership Techniques

153: Creating and Managing Successful Teams

155: Effective Business Communications and Negotiations

157: Influence Skills

158: Creative Problem Solving

159: Negotiation Skills

166: Interpersonal Communications and Conflict Management Skills

168: Leading Change

169: Motivating People

188: Coaching: Foundations for Success

.NET and VISUAL STUDIO

461: C# Programming with Visual Studio

462: Advanced C# Programming with Visual Studio

ORACLE AND SQL SERVER DATABASES

262: Oracle SQL Tuning: Hands-On

263: Oracle PL/SQL Programming

264: Advanced SQL Queries for Oracle Databases

508: SQL Essentials (Available on Oracle, Microsoft SQL Server, IBM DB2, MySQL)

≤ 509: SQL Query Optimization

PROJECT MANAGEMENT

147: Managing Project Risks

150: Project Management Essentials

151: Introduction to Project Management Essentials in a Remote World

152: Proiect Estimation

164: Advanced Project Management Simulation

172: Effective Project Leadership

179: Project Management Professional (PMP)® Boot Camp

180: Preparing the Business Case

189: Managing Project Quality

190: Contracting for Project Managers

191: Managing Scope, Schedule, and Cost

309: Software Project Management

319: Facilitating Project Retrospectives

348: Agile Project Management

SCRIPTING LANGUAGES

589: Python Programming Essentials

595: Advanced Python Programming

SECURITY

491: Web and Mobile Application Security

754: Web Security Foundations

756: Practical Security and Cryptography

919: CISSP Preparation

920: Security Boot Camp

SOFTWARE ANALYSIS AND DESIGN

315: Introduction to Design Thinking

400: Thinking Like a Programmer

410: Writing Functional Specifications

424: User Experience Design Best Practices

SOFTWARE ENGINEERING

302: Developing Quality Requirements

305: Software Configuration Management

306: Effective Software Testing Methods

309: Software Project Management

400: Thinking Like a Programmer

440: Refactoring and Maintaining Legacy Code

UNIX AND LINUX

601: Introduction to Linux

▲ 603: Linux Workstation: Installing, Customizing, and Securing

604: Linux Network Server: Installing, Setup, and Securing

619: Introduction to UNIX

WEB AND MOBILE APPLICATIONS

489: Building Web Applications with React

490: Angular SPA Development

492: Modern Web Development and Progressive Web Applications