University of Phoenix® Professional Development

aws academy

AWS Cloud Practitioner

Build a better you   **Skill-focused**   **Self-paced**   **Job-ready**

Community support

You can utilize the user-friendly AWS Cloud Program Discord space to chat with your fellow learners in the AWS Cloud Program, get help with labs or take part in course-specific conversations with peers in multiple channels. Discord is used by many in the technology and cloud fields, so it is a great opportunity to learn this platform before you may need to for work.

Course overview

Enhance your career and build skills that provide the fundamentals of AWS cloud computing and help prepare you for the AWS Cloud practitioner exam.

The course focuses on developing AWS fundamental skills, including cloud computing, DevOps, cybersecurity, auditing and solution architecture. Get started today and finish as fast as your time allows! This course was created with materials from AWS Academy to help you prepare to take the AWS Cloud Practitioner certification exam and is made up of four easy-to-use, self-paced modules designed to optimize your learning experience.

You will have access to current content, hands-on practice activities using Amazon Web Services and job-based scenarios that could provide you with in-demand cloud skills to put on your resumé.

Skills you'll learn

- Determine the appropriate AWS solution for your specific application

- Continuously deploy code to run scalable AWS applications

- Create secure applications within AWS, based on existing security models and best practices

- Identify which AWS services can be leveraged to design optimized solutions for applications

Key topics

- Cloud Computing

- DevOps

- Cybersecurity and Auditing

- Solution Architecture

**Course outline
1 of 2**

Course Introduction
- Getting Started
- Course Welcome

Module 1- Foundations of Cloud Computing
- Introduction
- Services running in an existing account
- Real-World Problem Solving
- Resources Creation in AWS
- Real-World Problem Solving
- Evaluating Running Costs in AWS
- Real-World Problem Solving
- Skills Assessment
- Certification Success Resources

Module 2 - DevOps Foundations
- Introduction
- AWS Code Deployment with CI/CD Pipelines
- Real-World Problem Solving
- High Availability and Scalable Solutions
- Real-World Problem Solving
- AWS Services Meeting Application Needs
- Real-World Problem Solving
- DevOps Wrap Up
- Skills Assessment
- Certification Success Resources

Course outline
2 of 2

Module 3 - Foundations of Cyber Security & Auditing
  • Introduction
  • Regional VPC & Subnets
  • Real-World Problem Solving
  • IAM Roles & Permissions Setting
  • Real-World Problem Solving
  • The Shared Responsibility Model
  • Real-World Problem Solving
  • Skills Assessment
  • Certification Success Resources

Module 4 - Solution Architecture Foundations
  • Introduction
  • Optimized AWS Solutions
  • Real-World Problem Solving
  • Fault Tolerant Applications
  • Real-World Problem Solving
  • Skills Assessment
  • Certification Success Resources

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Ready to start learning?

Start building new skills one course at a time.

Have questions? Visit

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