Amazon
AWS Certified Developer

Materials & teaching in English

Learn how to work with cloud computing, Amazon Web Services (AWS) as well as developing applications and become an AWS Certified Developer Associate

In this e-learning course, you will learn how to develop, implement, and monitor applications using AWS, and you will be taught the development tools and frameworks that the cloud service provides. You will learn how to configurate and manage fault-tolerant and scalable systems on Amazon Cloud. In addition, you will be taught virtual machines, AWS serverless architecture, AWS Lambda, API Gateway and AWS CodeDeploy.

You will gain knowledge and skills in serverless computing and how to build and run applications without managing servers. You will learn how to use Amazon Cognito for user authentication and how to use containers in the development process.

You will gain experience with Amazon Web Services, as well as development and implementation of applications. In addition, you will be taught AWS SDK, infrastructure security, high availability, Amazon Simple Storage Service (S3), application development and service orchestration.

You will be taught the curriculum corresponding to the certification:

• DVA-C02 (AWS Certified Developer Associate)
• CLF-C02 (AWS Certified Cloud Practitioner)

As part of the e-learning course, we offer you 1 certification attempt. This trial must be held within 1 month after the end of the course - otherwise the offer will lapse. Certifications are taken after completing the course.

Learning Outcomes

Cloud Foundations & Core Services

• Cloud basics, management tools, and AWS design principles explained
• Benefits and structure of AWS cloud and compute services
• Storage, networking, and high availability best practices
• IAM and foundational security concepts

Development, CI/CD & Deployment

• CI/CD with AWS tools and services
• CodeDeploy and version control basics
• Building deployment pipelines in AWS
• Using cloud services in app development

Compute Services & Infrastructure

• Working with EC2 virtual machines and cloud compute options
• Automating setup with CloudFormation
• Deployment, delivery, and scaling with ECS and OpsWorks
• Migration strategies and infrastructure configuration as code

Database Services & Data Management

• Intro to PostgreSQL and AWS databases
• Setup and config of PostgreSQL on AWS
• Designing tables and data structures
• Using EB with cloud-based databases
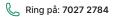
Serverless Architecture & Operations

• Intro to AWS Lambda and event-driven functions
• Monitoring and securing serverless workloads
• Managing serverless storage and data
• Application integration through microservices and serverless APIs

Monitoring, Security & Optimization

• IAM, encryption, and cloud security
• Logging, metrics, and system insights
• Troubleshooting and app performance
• Cost control, billing, and pricing tools

The course is for you if you...

✓ Have experience in using PC, Windows and applications

✓ Have a basic understanding of development and programming languages

✓ Have experience with Cloud Computing and development, as well as knowledge of AWS Services

✓ You are motivated and have ambitions to work with Amazon AWS

Course structure

The e-learning course is divided into in-depth sessions with associated Labs and MeasureUp tests, so you gain a lot of knowledge and at the same time you can test your readiness. As a supplement to the e-learning course, you also get access to a whole library of e-book

Certification

Included in this course is the certification; DVA-C02. You will receive 1 certification attempt, which must be held within 1 month of the end of the course - otherwise the offer will lapse.

Certifications are taken from home after completing the course. When you are ready to take your certification, please contact us and we will send you at voucher you can use as payment for your certification.

Careercoach

You also can spar with Itucation's career coach regarding CV, application and job strategy. If you wish to take advantage of this offer, please send an email to **kurser@itucation.dk**

Upcoming courses

• Start every monday!

Information & Price

Location	E-learning, Selfstudy
Classes	5 days a week
Duration	6 weeks
Price for applicants	**Free for unemployed***

*Free, if you fulfil the criteria for 6-week job-oriented training programs via the Jobcenter

Price for jobcenter:	Kr. 19.600 (ex. moms)
Sign-up	**www.itucation.dk**

Or contact us on 7027 2784

Information til a-kasser og jobcentre

Regional positivliste

E-learningskurset er godkendt.

Se vores hjemmeside for listetitel og listenumre.

Pris

Kr. 19.600 (ex. moms)
Ugepris: kr. 3.266,66 (ex. moms)

Betalingstilsagn sendes til

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