Microsoft Azure - Certified Developer Associate
incl. Introduction to Python

Materials & teaching in English

Gain the skills to develop Azure infrastructure and PaaS compute solutions—and become a Certified Azure Developer Associate.

In this e-learning course, you will gain competencies and knowledge in cloud services and how these services are delivered with Microsoft Azure. You will learn how to develop the Azure platform, including infrastructure and storage, such as Service Compute Solutions. Additionally, you will learn how to implement Azure security, including troubleshooting and optimizing solutions.

The course covers cloud computing and solution development for Microsoft Azure. You will be able to develop Azure storage, Azure Platform as a Service solution, Azure Redis Cache, and Azure Cloud models. The course also covers Azure CLI, PowerShell, security, Azure Key Vault, API, Service Fabric, and Azure Container Service (ACS).

You will receive training in the curriculum corresponding to the following certifications:

• AZ-900 (Microsoft Azure Fundamentals)
• AZ-204 (Developing solutions for Microsoft Azure)

As part of this e-learning course, we offer 2 certification attempts. This must be held within 2 months after the end of the course - otherwise theoffer will lapse. Certificates are taken at the end of the course

You will learn

Python Programming Foundations

• Work with data types, variables, and operators
• Use loops and conditional statements in code
• Handle input/output and structure clean code
• Use modules, tools, and error-handling techniques

Developing Azure Applications

• Design apps with Azure cloud-native services
• Implement APIs and integration workflows
• Apply caching and content delivery strategie
• Enable security in Azure app development

Core Azure Concepts & Architecture

• Understand cloud models and service categories
• Explore trust, compliance, and cloud governance
• Learn pricing, SLAs, and Azure support models
• Monitor environments with Azure-native tools

Scalable Azure Architecture & DevOps

• Use app design patterns and scaling methods
• Deploy Kubernetes-based microservice solutions
• Apply advanced compute scaling techniques
• Automate deployment for high availability

Azure Compute, Storage & Databases

• Deploy virtual machines and containerized apps
• Use storage services and database options
• Implement Cosmos DB and file storage
• Integrate big data, IoT, and AI workloads

Azure Security & Identity Management

• Configure network and data security controls
• Use Azure security tools and services
• Manage identity, access, and encryption
• Ensure privacy and compliance in Azure

The course is for you if you...

✓ Have experience in using a PC and Windows

✓ Have a basic understanding of programming and development

✓ Are motivated and have ambitions to work with Microsoft Azure

✓ Potentially have experience with networking, infrastructure, and cloud computing, as well as knowledge
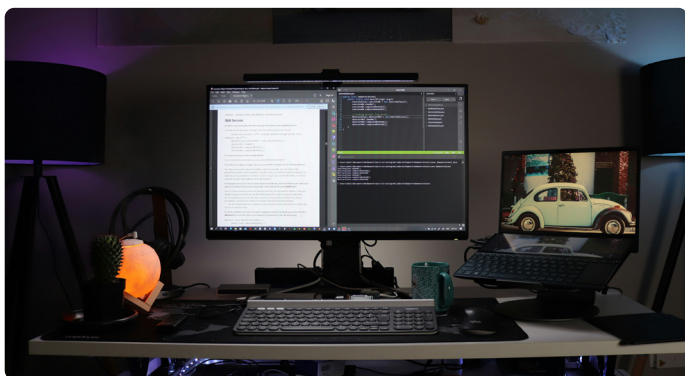
Course structure

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

You have the option to take certifications AZ-900 and AZ-204. Included in this e-learning package is 2 certification attempts. Please note that this trial must be held within 2 months of the end of the course - otherwise the offer will lapse. Certifications are taken after completing the course. When you contact us, we will send you a voucher to book the 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 & Pris

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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